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United States Department of Agriculture
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1942

(List of Pests Recorded During the Period July 1, 1941, to June 30, 1942, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the twenty-ninth year for which lists of pest interceptions have been issued. The records summarized include pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

The alleged origin of plant materials cannot be verified in all cases. Obviously doubtful items are either omitted or the origin is listed as unknown.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted at Baltimore, Boston, and New Orleans in grapefruit and orange in quarters and stores from Argentina and Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 3 times in oranges in baggage and quarters at Brownsville, Mobile, and New Orleans and 185 times in 12 different hosts in baggage, quarters, and stores from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was taken 17 times in 3 hosts in baggage, mail, quarters, and stores from 7 different countries. *A. serpentina* was intercepted 8 times in 5 hosts in baggage, quarters, and stores from Brazil, Colombia, and Mexico. *A. striata* (one adult) was taken at Hoboken with wild *Cattleya* sp. in cargo from Venezuela. *A. suspensa* was intercepted at New York in guava in baggage and mail from Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was taken 11 times in 6 different hosts in baggage and quarters from Hawaii and Portugal. The melon fly (*Dacus cucurbitae*) was intercepted at San Francisco and San Pedro in 3 hosts in stores from Hawaii. The currant fruitfly (*Epochra canadensis*) was taken twice at El Paso in wild currant in baggage from Mexico. The apple maggot (*Rhagoletis pomonella*) was taken 4 times in apples in baggage at Laredo from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted at New Orleans in papaya in stores from Honduras.

INSECTS OTHER THAN FRUITFLIES

In addition to the usual insects of major importance, such as the citrus blackfly (*Aleurocanthus woglumi*), the turnip gall weevil (*Ceutorhynchus pleurostigma*), the Asiatic rice borer (*Chilo simplex*), the rhododendron whitefly (*Dialeurodes chittendeni*), the West Indian sweetpotato weevil (*Euscepes postfasciatus*), the East

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Indian bean pod borer (*Maruca testulalis*), and the pink bollworm (*Pectinophora gossypiella*), listed in the detailed table are many insects which were intercepted for the first time, or for the first time on the host indicated, or for the first time from the country indicated, or are of special interest for some other reason. References to "first record" in these notes refer to our interception records only. The insects fall in different groups, cover a wide host range, and come from many parts of the world, e. g., *Aonidiella pinicola* (Coccidae) first record and not previously in the National Museum Collection, *A. eremocitri* (Coccidae) first record, *Bruchus dentipes* (Bruchidae) first record in broadbean, *Capaneus odiosus* (Coreidae) first record from Venezuela, *Chirothrips aculeatus* (Thripidae) first record, *Dialeurodes kirkaldyi* (Aleyrodidae) first record on *Tabernaemontana* sp., *Elaphrothrips dampfi* (Phlaeothripidae) first record, *Fulvius brevicornis* (Miridae) first record, *Heilipus trifasciatus* (Curculionidae) (formerly listed as *H. perseae*) first record from Costa Rica, *Lamprosema schistisemalis* (Pyraustidae) first record, *Metamasius callizona* (Curculionidae) first record on pineapple, *Microcerotermes exiguus* (Termitidae) first record in wood and also first record from Nicaragua, the carrot rust fly (*Psila rosae*) first record from Iceland, *Urbanus proteus* (Hesperiidae) first record in string bean and also first record from Mexico, and *Urodus parvula* (Hyponomeutidae) first record.

NOTES ON PLANT DISEASES INTERCEPTED

Among the more important plant-disease interceptions were 6 of citrus canker (*Bacterium citri*), 5 of a somewhat similar bacterial canker of citrus in South America which is called Cancrosis-B, 2 of Dutch elm disease (*Ceratostomella* (*Graphium*) *ulmi*), 159 of banana leaf spot (*Cercospora musae*), 12 of the bulb and stem eelworm (*Ditylenchus dipsaci*), 16 of sweet orange scab (*Elsinoe australis*), 363 of lima bean scab (*Elsinoe phaseoli*), 9 of citrus black spot (*Phoma citricarpa*), and 3 of a broomcorn smut (*Sphacelotheca sorghicola*).

COMMON PESTS INTERCEPTED

Many of the pests intercepted are of species already well established here. Some of these may include potentially destructive strains not yet introduced, but it is not practicable to determine that point. Pests not yet established here but intercepted in large numbers on one or two hosts are in some cases listed here instead of in the detailed table. While many thousands of interceptions of common pests are not recorded, the data that follow are sufficient to show their general nature. The numbers following the scientific names of the pests indicate the number of countries of origin from which the pest was intercepted and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (11–32), *Ahasverus advena* (11–23), *Anthonomus eugenii* (2–4,930), *Aonidiella aurantii* (15–49), *Aphis gossypii* (6–38), *Araecerus fasciculatus* (7–21), *Aspidiotus camelliae* (4–14), *A. cyanophylli* (10–48), *A. hederae* (6–39), *A. lataniae* (17–187), *A. perniciosus* (3–17), *Brevicoryne brassicae* (12–24), *Carpocapsa pomonella* (8–200), *Cathartus quadricollis* (2–14), *Cerataphis lataniae* (14–122), *Chionaspis citri* (8–14), *Chrysomphalus aonidum* (18–69), *C. dictyospermi* (10–122), *Coccus hesperidum* (13–100), *Diaspis boisduvalii* (20–582), *D. bromeliae* (4–22), *Ephestia cautella* (6–19), *Etiella zinckenella* (2–20), *Gnorimoschema operculella* (22–283), *Heliothis armigera* (8–7,987), *H. virescens* (3–222), *Hippodamia convergens* (1–35), *Howardia biclavis* (5–16), *Ischnaspis longirostris* (6–13), *Laphygma frugiperda* (4–333), *Lasioderma serricorne* (10–45), *Lepidosaphes beckii* (34–150), *L. gloverii* (5–10), *Myzus persicae* (10–46), *Necrobia rufipes* (4–20), *Oryzaephilus surinamensis* (2–11), *Parlatoria pergandii* (8–15), *P. proteus* (10–69), *Pinnaspis minor* (7–99), *Plodia interpunctella* (4–31), *Pseudococcus adonidum* (11–23), *P. brevipes* (8–15), *P. citri* (11–26), *P. maritimus* (8–16), *Rhizoglyphus hyacinthi* (9–39), *Saissetia hemisphaerica* (16–175), *S. nigra* (4–25), *S. oleae* (11–16), *Selenaspidus articulatus* (16–49), *Sitophilus oryza* (7–26), *Sitotroga cerealella* (5–11), *Stegobium paniceum* (8–15), *Tenebroides mauritanicus* (2–10), *Thrips tabaci* (10–38), *Tribolium castaneum* (9–16), *Typhaea stercorea* (10–53).

In addition to the listed species of common insects, there were 5,560 interceptions belonging to 695 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects intercepted, 21,966.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (21–247), *Albugo candida* (3–36), *Alternaria brassicae* (8–12), *A. solani* (3–103), *A. tomato* (1–1,157), *Aphelenchoides parietinus* (6–10), *Aplanobacter michiganense* (1–101), *Aspergillus niger* (22–345), *Bacillus carotovorus* (12–59), *Bacterium phaseoli* (1–56), *B. vesicatorium* (7–1,588), *Botrytis cinerea* (17–39), *B. tulipae* (2–23), *Capnodium citri* (8–15), *Cephalothecium roseum* (8–45), *Ceratostomella adiposum* (1–13), *C. fimbriata* (6–15), *C. paradoxa* (16–198), *Cercospora beticola* (1–16), *C. capsici* (2–102), *C. rosicola* (3–89), *Cladosporium fulvum* (2–154), *Colletotrichum circinans* (4–359), *C. lindemuthianum* (8–67), *C. nigrum* (4–12), *C. orchidearum* (11–30), *C. phomoides* (1–26), *Corticium vagum* (16–622), *Cylindrosporium chrysanthemi* (1–22), *Diaporthe citri* (19–124), *D. phaseolorum* (3–99), *Diplocarpon rosae* (3–23), *Diplodia natalensis* (19–53), *D. tubericola* (12–24), *Elsinoe fawcettii* (16–141), *E. phaseoli* (2–363), *Erysiphe graminis* (2–13), *E. polygoni* (1–40), *Gloeosporium limetticolum* (25–273), *G. musarum* (7–18), *Glomerella cingulata* (19–541), *Helminthosporium allii* (6–2,247), *Heterodera marioni* (13–22), *Melanconium sacchari* (3–24,) *Mycosphaerella brassicicola* (7–12), *M. citrullina* (5–20), *Oospora citri-aurantii* (2–14), *O. lactis parasitica* (9–205), *O. pustulans* (2–11), *Penicillium digitatum* (9–87), *P. expansum* (2–20), *P. italicum* (11–15), *Phoma destructiva* (4–566), *Phomopsis vexans* (9–217), *Phytophthora infestans* (7–32), *P. phaseoli* (1–10), *Puccinia allii* (5–17), *P. chrysanthemi* (1–28), *P. graminis* (15–45), *P. rubigo-vera* (8–23), *Pucciniopsis caricae* (1–35), *Pythium debaryanum* (1–34), *Rhizopus nigricans* (20–663), *Sclerotinia sclerotiorum* (12–38), *Sclerotium oryzae* (8–15), *S. rolfsii* (7–20), *Septoria apii* (9–14), *Sphaceloma perseae* (6–267), *Sphacelotheca sorghi* (1–10), *Sphaerotheca pannosa* (3–10), *Spondylocladium atrovirens* (10–19), *Spongospora subterranea* (4–11), *Uromyces phaseoli typica* (1–24), *Ustilago zeae* (2–26), *Venturia inaequalis* (16–61), *Verticillium cinnabarina* (10–47).

In addition there were recorded 244 interceptions of 74 other species of common pathogens, making a total of 12,428 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Each year interceptions include some pests which appear to be new to science and hence undescribed. Others are not determinable because available descriptions are inadequate and authentic material is lacking. In many cases the intercepted material is inadequate or not in a stage to permit determination.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, intercepted at Baltimore, Brownsville, New Orleans, New York, and Philadelphia in peach, grapefruit, and orange from Argentina, Brazil, Mexico, and Trinidad; *Anastrepha* sp. at Jacksonville, Laredo, Miami, and New Orleans in cherimoya, guava, mango, orange, plum, and quince from Brazil, Colombia, Honduras, Jamaica, and Mexico; *Ceratitis* sp., likely *capitata*, at Seattle in coffee berry from Hawaii; *Ceratitis* sp. at Boston in orange from the Union of South Africa; *Dacus* sp. at Baltimore in orange from Mozambique; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *pomonella*, at Brownsville and Laredo in apple, *Crataegus* sp., mango and plum from Mexico; and *Rhagoletis* sp., probably *suavis* (Loew), at Nogales in black walnut from Mexico.

In addition to the incompletely identified fruitflies the following miscellaneous insects of special interest were intercepted: *Acrolophus* sp., near *pallidus* (Mosch.) (Acrolophidae), at Hoboken with orchids from Colombia and Costa Rica; *Agromyza* sp., near *setosa* Loew (Agromyzidae), at Nogales in purslane from Mexico; *Amblycerus* sp. (Bruchidae) at Chicago and New York in seeds of *Dipteryx* sp. and *Prosopis chilensis* from Brazil and Dominican Republic; *Amphicerus* sp., probably *hamatus* (F.) (Bostrichidae), at New York in elder from Mexico; *Chirothrips* sp., near *sulcatus* Johns. (Thripidae), at Baltimore and the Inspection House in Washington, D. C., with grass seeds from the Union of South Africa; *Asterolecanium* sp., close to *puteanum* Russell (Coccidae), at San Francisco on *Ilex* sp. (?) from Guatemala; *Ceuthorhynchidius* sp., near *wickhami* Champ. (Curculionidae), at Laredo on an herb from Mexico; *Cnemonyx* sp. (Scolytidae) at New York under the bark of a mahogany hybrid log from Costa Rica; *Conotrachelus* sp., probably *nenuphar* (Hbst.) (Curculionidae), at Brownsville, El Paso, and Laredo in apple

and peach from Mexico; *Desiantha* sp., near *maculata* Blackburn (Curculionidae), at Seattle with dahlia tubers from Australia; *Epitrix* sp., near *hirtipennis* (Melsh.) (Chrysomelidae), at Laredo and Nogales with lettuce and tomato from Mexico; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in an avocado seed from Guatemala; *Laspeyresia* sp., probably *nigricana* (Stph.) (Olethreutidae), at New York in fresh peas from Portugal; *Lygus* sp., close to *plagiatus* Uhl. (Miridae), at Eagle Pass with lettuce from Mexico; *Magdalis* sp., probably *armigera* Geoff. (Curculionidae), at New York on elm crates from England; *Marmara* sp. (Gracilariidae) at El Paso and Nogales in avocado and pepper from Mexico; *Metamasius* sp., probably *ritchiei* (Marsh.) (Curculionidae), at Hidalgo in pineapple from Mexico; *Palmaricoccus* sp., very close to *attaleae* Stickney (Coccidae), at New York on *Attalea* sp. from Venezuela; *Pityophthorus* sp., near *confertus* Sw. (Scolytidae), at New York in wooden canes used as packing from Mexico; *Platypus* sp., near *apertus* Chapuis (Platypodidae), at New York in lignumvitae log from Guatemala.

In addition to the incompletely determined insects listed above there were 5,498 interceptions which could be identified to genus only. These were distributed among 691 different genera. A total of 208 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 5,833.

DISEASES

Among the incompletely determined diseases intercepted during the year were 5 of a serious disease similar to citrus canker and known as "Cancrosis-B", all on lemons from Argentina in stores. Nematodes intercepted included *Acrobeloides* sp. and *Aphelenchoides* sp., both new species apparently, in narcissus bulbs from Canada. Other undetermined pathogens included *Colletotrichum* spp. on *Paspalum dilatatum* seed from India and flower seed from Mexico, *Helminthosporium* sp. on tomato from Mexico, *Phytophthora* sp. on *Cattleya* sp. from Venezuela, undetermined rusts on grasses from Canada, Dutch East Indies, and Mexico and on *Heteropogon contortus* from Straits Settlements, *Sclerotinia* sp. on carrot from the Union of South Africa and tomato and husk tomato from Mexico, *Sphaeronema* sp. on *Sechium edule* from Brazil, and undetermined virus diseases on vegetables from Cuba and Mexico. A total of 6,343 incompletely determined pathogens were recorded during the year.

ENTOMOGENOUS FUNGI

Entomogenous fungi noted during the course of inspection are sometimes recorded. Records for this year include *Aschersonia* sp. on undetermined scale insect on *Syzygium malaccense* leaf from Trinidad and on camellia leaf from Mexico; *Cephalosporium lecanii* Zimm. on *Coccus viridis* on Cape-jasmine from Cuba and Venezuela, on *C. acuminatus* on Cape-jasmine from Cuba, and on *Pulvinaria pyriformis* on Cape-jasmine from Venezuela; *Microcera* sp. on coccid on lime and orange leaves from Mexico; *Myriangium duriaei* on *Lepidosaphes beckii* on orange from Cuba; *Nectria diploa* Berk. & Curt. on *Lepidosaphes beckii* on oranges from Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, and Trinidad and on grapefruit from Cuba and Puerto Rico; *Periconia pycnospora* Fres. on a lepidopterous larva on an orchid leaf from Mexico; *Pestalozzia* sp. on a lepidopterous larva on an orchid leaf from Mexico; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on oranges from Puerto Rico and Carribean region and on unknown host on Cape-jasmine from Mexico; and *Torrubiella* sp. on an insect on a gardenia leaf from Mexico.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases
	Number	*Number*
Africa:		
Algeria	3	0
Belgian Congo	1	0
Gold Coast	2	0
Morocco (French)	1	0
Rhodesia	0	2
Tanganyika	0	1
Transvaal	0	1
Union of South Africa	14	17
Asia:		
China	7	1
Cyprus	4	0
French Indo-China	1	0
India	22	2
Iran	4	1
Japan	16	2
Malaya (British)	11	0
Palestine	4	0
Straits Settlements	3	3
Thailand	5	1
Australasia:		
Australia	4	14
Ceylon	0	1
Dutch East Indies	8	0
Hawaii	86	1
Java	5	2
New Zealand	0	1
Philippines	37	2
Sumatra	4	0
Tahiti	1	0
Europe:		
England	112	47
Hungary	0	1
Ireland	1	3
Portugal	8	7
Scotland	4	0
Spain	2	3
Union of Soviet Socialist Republics	1	0
North America:		
Bermuda	5	2
Canada	12	6
British Columbia	3	0
Newfoundland	2	0
Nova Scotia	6	0
Central America:		
British Honduras	2	0
Canal Zone	35	1
Costa Rica	38	22
Guatemala	50	31
Honduras	11	28
Nicaragua	2	0
Panama	13	3
Salvador	3	1
Iceland	2	0
North America—Continued	*Number*	*Number*
Mexico	9,380	147
West Indies	1	0
American Virgin Islands	2	1
Antigua	2	0
Bahamas	8	0
Barbados	2	0
British West Indies	1	0
Cuba	195	41
Dominica	1	0
Dominican Republic	14	4
Dutch West Indies	10	0
Guadeloupe	1	0
Haiti	2	34
Jamaica	7	4
Martinique	2	0
Nevis	1	0
Puerto Rico	27	3
St. Lucia	5	0
St. Vincent	1	0
Trinidad	48	1
Virgin Islands	2	0
South America:		
Argentina	18	12
Brazil	65	17
British Guiana	4	0
Chile	2	9
Colombia	76	6
Dutch Guiana	5	0
Ecuador	2	1
Peru	31	5
Uruguay	0	1
Venezuela	88	4
Total:		
Africa	21	21
Asia	77	10
Australasia	145	21
Europe	128	61
North America	9,896	329
South America	291	55
Unknown	2	1
Total	10,560	498
Total (common pests, p. 2)	21,966	12,428
Total (incompletely determined pests, p. 3)	5,833	6,343
Entomogenous fungi		27
Total insects	38,359	
Total diseases		19,296
Grand total		57,655

NOTE.—In addition to the countries named above, interceptions including common pests (p. 2) and incompletely determined pests (p. 3) were made from American Samoa, Angola, Aruba, Azores, Batavia, Bolivia, Canary Islands, Canton Island, Curacao, East Africa, Fanning Island, Fiji Islands, France, Gibraltar, Greece, Grenada, Guam, Kenya, Liberia, Madeira Islands, Midway, Montserrat, Mozambique, Netherlands, New Brunswick, New Caledonia, Nigeria, Palmyra Island, Paraguay, Sierra Leone, Solomon Islands, Sweden, Switzerland, Tasmania, Turkey, Turks Island, Uganda, Wales, and West Africa.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All findings marked with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acalypta mera Drake (Tingitidae):					
Saxifraga camposi (campos saxifrage)	Canada			1	Calif.*
Sempervivum sp	do			1	Wash.
Acanthoderes circumflexa Duv. (Cerambycidae):					
Tabebuia donnell-smithii (primavera)	Canal Zone	1			N. Y.
Acanthoscelides alticola (Sharp) (Bruchidae):					
Cassia occidentalis (coffee senna)	do	1			N. Y.
Acanthoscelides ceratioborus (Philippi) (Bruchidae):					
Ceratonia siliqua (carob)	Peru	3			Ill., La.
Prosopis sp. (mesquite)	Dutch East Indies, Peru	2			La.
Acanthoscelides dominicanus (Jekel) (Bruchidae):					
Acacia farnesiana (sweet acacia)	Mexico	2			Tex.
Caesalpinia coriaria (divi-divi)	Colombia, Dominican Republic, Dutch East Indies, Dutch West Indies, Jamaica, Mexico, Salvador, Venezuela.	47		4	Fla.*, La., N. J., N. Y., Tex.
Caesalpinia sp	Mexico	1			N. Y.
Acanthoscelides flexicaulis (Schffr.) (Bruchidae):					
Pithecellobium flexicaule (ebony)	do	7	4	1	Tex.
Acanthoscelides julianus (Horn) (Bruchidae):					
Pithecellobiuma sp	do			1	Tex.
Acanthoscelides limbatus (Horn) (Bruchidae):					
Pithecellobium dulce (guamachil apes earring)	Hawaii			1	Calif.*
Acanthoscelides pruininus (Horn) (Bruchidae):					
Bougainvillea sp	do	1			Calif.*
Acanthoscelides sallaei (Sharp) (Bruchidae):					
Acacia farnesiana (huisache)	Mexico		1		Tex.
Aceratagallia nana Oman (Cicadellidae):					
Chrysanthemum sp	do		1		Ariz.
Aceratagallia pallida Oman (Cicadellidae):					
Capsicum annuum (pepper)	do	1			Ariz.
Aceratagallia robusta Oman (Cicadellidae):					
Beta vulgaris (beet)	do	1			Tex.
Acmaeodera gibbula delumbis Horn (Buprestidae):					
Prosopis sp. (mesquite)	do	1			Ariz.
Acroleucus vicinalis Dist. (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Acrolophus fervidus Busck (Acrolophidae):					
Cattleya sp. (orchid)	Colombia			1	N. J.
Acrosternum stitica (Dall.) (Pentatomidae):					
Gardenia jasminoides (Cape-jasmine)	Mexico	1			Tex.
Adraneothrips tibialis (Hood) (Phlaeothripidae):					
Musa paradisiaca sapientum (banana)	Cuba	1			Fla.*
Aeolus pulchellus Cand. (Elateridae):					
Stanhopea sp. (orchid)	Mexico			1	Tex.
Aganactesis indecora Dyar (Gallerlidae):					
Cassia fistula (goldenshower senna)	St. Lucia	5			N. Y.
Poinciana sp	Trinidad		1		La.
Agromyza virens (Loew) (Agromyzidae):					
Daucus carota sativa (carrot)	Mexico	2			Tex.
Agrotis vetusta (Wlk.) (Phalaenidae):					
Zea mays (corn)	do	1			Ariz.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus sp	Cuba		1		Fla.*
Aleuroplatus cococolus Q. & B. (Aleyrodidae):					
Aechmea angusta	Guatemala			1	Calif.*
Aleuroplatus myricae Q. & B. (Aleyrodidae):					
Epigaea repens (trailing arbutus)	Nova Scotia	2			Mass.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Aleurotrachelus camelliae(Kuwana)(Aleyrodidae):					
Camellia sp.	Japan			1	Wash.
Aleurotrachelus trachoides (Back) (Aleyrodidae):					
Unidentified plant	Ecuador			1	N. J.
Allocoris incognita (McA. & M.) (Cydnidae):					
Dianthus sp. (carnation)	Mexico	1			Tex.
Alpheias conspirata Hein. (Galleriidae):					
Ananas comosus (pineapple)	do	38			Tex.
Amblycerus piurae (Pierce) (Bruchidae):					
Ceratonia siliqua (carob)	Peru	1			La.
Amphicerus cornutus (Pallas) (Bostrichidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Sambucus sp. (elder)	do	4			N. Y.
Wood	do	2			N. Y., Pa.
Amphorophora rhododendri (Wilso) (Aphiidae):					
Rhododendron sp.	British Columbia			1	Wash.
Anacentrinus deplanatus Csy. (Curculionidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Anaphothrips orchidaceus Bagn. (Thripidae):					
Cattleya mendeli (orchid)	Peru			1	Calif.*
Miltonia pulchra (orchid)	England			1	Calif.*
Miltonia sp.	do			1	Hawaii.*
Odontoglossum sp. (orchid)	do			1	Calif.*
Orchid	Colombia	1			Fla.*
Anaphothrips orchidii (Moult.) (Thripidae):					
Cypripedium curtisi (orchid)	Australia			1	Hawaii.*
Anastrepha fraterculus (Wied.) (Tephritidae):					
Citrus paradisi (grapefruit)	Argentina, Brazil		3		Md., Mass.
Citrus sinensis (orange)	Brazil		4		La., Md.
Anastrepha ludens (Loew) (Tephritidae):					
Amygdalus persica (peach)	Mexico	2			Tex.
Citrus aurantifolia (lime)	do	9			Tex.
Citrus aurantium (sour orange)	do	2			Tex.
Citrus paradisi (grapefruit)	do	4			Tex.
Citrus sinensis (orange)	Guatemala, Mexico, unknown origin.	108	9		Ala., Ariz., Calif.*, Fla.*, La., Md., N. Y., Pa., Tex.
Cydonia oblonga (quince)	Mexico	8			Tex.
Malus sylvestris (apple)	do	2			Tex.
Mangifera indica (mango)	do	23	4		Ariz., Tex.
Persea americana (avocado)	do	11			Tex.
Punica granatum (pomegranate)	do	3			Tex.
Pyrus communis (pear)	do	2			Tex.
Sapote	do	2			Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Citrus paradisi (grapefruit)	St. Vincent		1		Mass.
Mangifera indica (mango)	Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico, unknown origin.	12	4		Ala., Fla.*, La., N. Y., P. R.
Psidium guajava (guava)	Dominican Republic			1	P. R.
Anastrepha serpentina (Wied.) (Tephritidae):					
Calocarpum sapota (mamey sapote)	Mexico		1		S. C.
Citrus paradisi (grapefruit)	Brazil		2		La.
Citrus sinensis (orange)	do		1		Ala.
Mammea americana (mamey)	Mexico	3			Ariz., Tex.
Sapote	Colombia		1		La.
Anastrepha striata Schin. (Tephritidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Anastrepha suspensa (Loew) (Tephritidae):					
Psidium guajara (guava)	Puerto Rico	4			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive— Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Andricus championi Ashmead (Cynipidae):					
Quercus sp. (oak)	Mexico	1			Tex.
Andricus mexicanus Kinsey (Cynipidae):					
Quercus macrophylla	Mexico	1			Ariz.
Anuraphis aplifolia Theob. (Aphiidae):					
Apium graveolens (celery)	Union of South Africa		1		Md.
Aonidia lauri (Bouche) (Coccidae):					
Laurus nobilis (Grecian laurel)	Cyprus, Spain	1	2		N. Y.
Aonidia pinicola Leon. (Coccidae):					
Pinus sp. (pine)	Portugal	1			N. Y.
Aonidiella eremocitri McKenzie (Coccidae):					
Coelogyne asperata (orchid)	Thailand			1	Hawaii.*
Aonidiella inornata McKenzie (Coccidae):					
Citrus paradisi (pomelo)	Philippines		1		Hawaii.*
Citrus reticulata (tangerine)	do			1	Hawaii.*
Cycas revoluta (sago cycas)	Hawaii			1	Calif.*
Jasminum sambac (jasmine)	do			1	Calif.*
Piper betle (betel pepper)	do	1			Calif.*
Argyrotoza conwayana (F.) (Tortricidae):					
Fraxinus excelsior (European ash)	England			1	N. J.
Arvelius albopunctatus (Deg.) (Pentatomidae):					
Capsicum annuum (pepper)	Mexico	9			Ariz., Tex.
Aspidiotus destructor Sign. (Coccidae):					
Annona squamosa (sugarapple)	Cuba	1			Fla.*
Cocos nucifera (coconut)	Dominican Republic	1			Md.
Musa paradisiaca sapientum (banana)	Cuba, Guatemala, Panama.	8			Fla.*, Wash.
Palm	Cuba	1			Fla.*
Persea americana (avocado)	do	1			N. Y.
Roystonea regia (Cuban royal palm)	do			1	Fla.*
Terminalia catappa (West Indian almond)	do	1			Fla.*
Aspidiotus diffinis Newst. (Coccidae):					
Oncidium pusillum (orchid)	Canal Zone			1	Hawaii.*
Aspidiotus herculeanus Doane & Haddon (Coccidae):					
Erythrina sp	do			1	N. J.
Pelliciera rhizophoreae	Panama	1			Fla.*
Spondias mombin (yellow mombin)	Dominican Republic	1			N. Y.
Spondias purpurea (purple mombin)	Venezuela	1			N. Y.
Aspidiotus spinosus Comst. (Coccidae):					
Ficus carica (fig)	Mexico	1			Tex.
Mammea americana (mamey)	Cuba	1	1		Fla.*
Persea americana (avocado)	do	3			N. Y.
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bamboo	Costa Rica, Cuba	1	1	1	Fla.*, N. J.
Bambusa vulgaris (bamboo)	Guatemala			1	D. C.
Asterolecanium epidendri (Bouche) (Coccidae):					
Brassia gireoudiana (orchid)	Costa Rica			4	Calif.*, N. J.
Bromeliaceae	do			1	Calif.*
Cattleya dowiana (orchid)	do			1	Calif.*
Cattleya lueddemanniana	Venezuela			2	Calif.*, P. R.
Cattleya sp	Brazil, Colombia, Costa Rica, Venezuela.			10	Calif.*, N. J.
Epidendrum ciliare (orchid)	Costa Rica			1	N. J.
Gongora armeniaca (orchid)	do			1	Calif.*
Laelia superbiens (orchid)	Guatemala			1	Calif.*
Odontoglossum grande (orchid)	Salvador			1	Calif.*
Asterolecanium miliaris (Bdv.) (Coccidae):					
Bamboo	Cuba	1	1		Fla.*
Asterolecanium miliaris longum (Green) (Coccidae):					
Bamboo	Antigua	1			N. Y.
Asterolecanium miliaris robustum Green (Coccidae):					
Bamboo	Barbados	1			N. Y.
Aylax salviae (Giraud) (Cynipidae):					
Salvia officinalis (sage)	Cyprus	3			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive— Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Biorhiza solita Kinsey (Cynipidae):					
Quercus macrophylla	Mexico	1			Ariz.
Bouhelia maroccana Bal. (Coccidae):					
Muscari comosum (cipollino)	Morocco (French)	1			N. Y.
Brentus anchorago L. (Brentidae):					
Log	Mexico	3			Tex.
Tabebuia donnell-smithii (primavera)	Guatemala	2			N. Y.
Brentus mexicanus Boh. (Brentidae):					
Tabebuia donnell-smithii	Guatemala, Mexico	3			N. Y., Tex.
Bruchidius dorsalis (Boh.) (Bruchidae):					
Gleditsia japonica (Japanese honeylocust)	Japan			2	Wash.
Bruchidius versicolor (Boh.) (Bruchidae):					
Podalyria sericea (satinleaf podalyria)	Union of South Africa			1	Oreg.
Bruchus dentipes (Baudi) (Bruchidae):					
Vicia faba (broad bean)	Iran			1	D. C.
Bruchus dentipes ochraceosignatus Heyden (Bruchidae):					
Vicia faba	do			1	D. C.
Bruchus emarginatus Allard (Bruchidae):					
Pisum sativum (pea)	India, Iran	4		1	D. C., N. Y.
Bruchus hamatus Miller (Bruchidae):					
Vicia tenuifolia	U. S. S. R.			1	D. C.
Bucculatrix thurberiella Busck (Lyonetiidae):					
Gossypium sp. (cotton)	Mexico	1			Tex.
Callidium antennatum hesperum Csy. (Cerambycidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Callosobruchus chinensis (L.) (Bruchidae):					
Cajanus cajan (pigeon pea)	Philippines, Puerto Rico	1		1	Hawaii*, N. Y.
Cicer arietinum (chickpea)	India	1	1		Ga., N. Y.
Phaseolus aureus (mung bean)	Philippines		1		Ga.
Callosobruchus maculatus (F.) (Bruchidae):					
Cicer arietinum (chickpea)	Mexico	2			Ariz.
Phaseolus aureus (mung bean)	Philippines		2		Ga.
Phaseolus mungo radiatus	China	1			Wash.
Portulaca oleracea (purslane)	Mexico	1			Ariz.
Tetrapleura sp.	Algeria			1	D. C.
Vigna sinensis (cowpea)	do			1	D. C.
Zea mays (corn)	Mexico	1			Ariz.
Callosobruchus subinnotatus Pic. (Bruchidae):					
Voandzeia subterranea (congo goober)	Algeria			1	D. C.
Calydon submetallicum Blanch. (Cerambycidae):					
Log	Chile	1			N. Y.
Capaneus odiosus Stal (Coreidae):					
Cattleya sp. (orchid)	Venezuela			1	P. R.
Carneocephala sagittifera (Uhl.) (Cicadellidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Caryedon fuscus (Goeze) (Bruchidae):					
Cassia fistula (golden-shower)	Dutch East Indies	2			Ga.
Cassia nodosa (jointwood senna)	Hawaii			1	Calif.*
Tamarindus indica (tamarind)	British Guiana, Nevis	4			Mass., Pa.
Caryobruchus buscki (Bridwell) (Bruchidae):					
Scheelea zonensis	Canal Zone			1	Calif.*
Caulophilus latinasus (Say) (Curculionidae):					
Persea americana (avocado)	Mexico	5			Tex.
Punica granatum (pomegranate)	do	1			Tex.
Ceratitis capitata (Wied.) (Tephritidae):					
Coffea arabica (Arabian coffee)	Hawaii	3			Calif.*
Coffea sp.	do	3			Calif.*
Malus sylvestris (apple)	Portugal	1			N. Y.
Mangifera indica (mango)	Hawaii	1	1		Calif.*
Persea americana (avocado)	do	1			Calif.*
Psidium guajava (guava)	do	1			Calif.*
Ceratocapsus cubanus Bergr. (Miridae):					
Brassica sp. (mustard)	Cuba	2			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Ceroplastes rubens Mask. (Coccidae):					
Anthurium sp.	Hawaii			1	Calif.*
Litchi chinensis (lychee)	China	1			Hawaii.*
Ceutorhynchus pleurostigma Marsh. (Curculionidae):					
Brassica campestris (rutabaga)	England		9		Ala., Md., Pa., Tex.
Brassica rapa (turnip)	England, Scotland		22		Md., N. Y., Pa., Va., Tex.
Ceutorhynchus quadridens Panz. (Curculionidae):					
Brassica oleracea capitata (cabbage)	England		3		Ala., Md.
Chaetococcus bambusae (Mask.) (Coccidae):					
Bamboo	Hawaii			1	Calif.*
Chapuisia mexicana Duges (Platypodidae):					
Pinus sp. (?)	Mexico	1			Ariz.
Chilo simplex (Butl.) (Crambidae):					
Oryza sativa (rice)	Japan	1	3		Calif.*, Hawaii.*
Chionaspis diosmae Brain (Coccidae):					
Barosma betulina	Union of South Africa	1			N. Y.
Chionaspis yanonensis (Kuw.) (Coccidae):					
Citrus reticulata (tangerine)	Japan	1			Hawaii.*
Chirothrips aculeatus Bagn. (Thripidae):					
Zea mays (corn)	Mexico	1			Calif.
Chrysomphalus nulliporus McKenzie (Coccidae):					
Dendrobium lyonii (orchid)	Philippines			1	Hawaii.*
Chrysomphalus personatus (Comst.) (Coccidae):					
Citrus aurantifolia (lime)	Mexico	1			Ariz.
Cocos nucifera (coconut)	Trinidad	1			N. Y.
Laurus nobilis (Grecian laurel)	Barbados	1			N. Y.
Persea americana (avocado)	Mexico	1			Tex.
Rosa sp.	do	1			Tex.
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Epidendrum stamfordianum (orchid)	Costa Rica			1	Calif.*
Laelia spp. (orchid)	Venezuela			1	Calif.*
Oncidium sphacelatum (orchid)	Guatemala			1	Calif.*
Cinara tujafilina (DelGuer.) (Aphiidae):					
Thuja sp.	Japan		1		Wash.
Clerada apicicornis Sign. (Lygaeidae):					
Cattleya sp. (orchid)	Colombia, Venezuela			8	N. J.
Clytus arietis L. (Cerambycidae):					
Castanea sp. (chestnut)	England			1	N. J.
Ulmus sp. (elm)	do	3			N. Y., Wash.
Coccotrypes dactyliperda (F.) (Scolytidae):					
Astrocaryum sp.	Portugal	1			N. Y.
Coccus viridis (Green) (Coccidae):					
Citrus aurantifolia (lime)	Cuba	1			Fla.*
Gardenia jasminoides (Cape-jasmine)	Bahamas, Canal Zone, Cuba, Hawaii, Panama, Puerto Rico, Venezuela.	15	7		Calif.*, Fla., N. Y.
Psidium guajava (guava)	Cuba		1		Fla.*
Rosa sp.	Dominican Republic	1			Fla.*
Colias eurytheme Bdv. (Pieridae):					
Medicago sativa (alfalfa)	Mexico	3			Tex.
Colpocarena complanata (Burm.) (Pentatomidae):					
Bougainvillea sp.	Brazil			1	Calif.*
Conchaspis angraeci (Ckll.) (Coccidae):					
Cattleya sp. (orchid)	Brazil			2	N. J.
Oncidium ampliatum (orchid)	Canal Zone			1	Calif.*
Oncidium sp.	Brazil			1	N. J.
Conchylodes ovulalis (Gn.) (Pyraustidae):					
Colocasia sp. (elephantsear)	Mexico	1			Tex.
Conoderus lividus (Deg.) (Elateridae):					
Lactuca sativa (lettuce)	do	1			Tex.
Conoderus laurenti Guer. (Elateridae):					
Brassica chinensis (white greens)	Cuba	2			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	Mexico	514			Tex.
Conotrachelus integer Csy. (Curculionidae):					
Quercus sp. (acorn)	do	1			Ariz.
Soil	do	1			Ariz.
Conotrachelus naso Lec. (Curculionidae):					
Orchid	Colombia			1	Calif.*
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	Mexico	1			Tex.
Conotrachelus seniculus Lec. (Curculionidae):					
Bean	Mexico	1			Tex.
Beta vulgaris (beet)	do	3			Ariz., Tex.
Brassica oleracea capitata (cabbage)	do	1			Ariz.
Brassica sp. (mustard)	do	1			Tex.
Persea americana (avocado)	do	1			Tex.
Zea mays (corn)	do	1			Ariz.
Corcyra cephalonica (Staint.) (Galleridae):					
Gossypium sp. (cottonseed)	Brazil, Colombia	3			La., Wash.
Oryza sativa (rice)	Dutch Guiana	1			N. Y.
Theobroma cacao (cacao)	Ecuador	1			Wash.
Cosmogramma angustofasciata Jac. (Chrysomelidae):					
Cactus	Peru			1	Calif.*
Cosmolyce boeticus (L.) (Lycaenidae):					
Canavalia sp.	Hawaii	3			Calif.*
Cossonus canaliculatus F. (Curculionidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Tabebuia donnell-smithii (primavera)	Guatemala, Mexico	3			N. Y.
Cossonus impressus Boh.var. (Curculionidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Crocidosema plebeiana (Zell.) (Olethreutidae):					
Crataegus sp. (hawthorn)	do	3			Tex.
Hibiscus esculentus (okra)	Cuba	1			N. Y.
Cryphula apicatus (Dist.) (Lygaeidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Cryphula fasciatus (Dist.) (Lygaeidae):					
Cattleya sp. (orchid)	Colombia			1	N. J.
Cryptamorpha desjardinsi (Guer.) (Cucujidae):					
Schomburgkia sp. (orchid)	Trinidad			1	N. J.
Curculio g-griseae Chitt. (Curculionidae):					
Soil	Mexico	1			Ariz.
Cylas formicarius (F.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Cuba, Dominican Republic, Mexico.	26	12		Fla.*, La., N. Y., Pa., Tex.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Brassica chinensis (white greens)	Cuba	1			N. Y.
Ipomoea batatas (sweetpotato)	Argentina, China, Cuba, Dominican Republic, Mexico, Puerto Rico.	4	8		Ga., Hawaii*, La., Md., N. Y., Tex.
Physalis sp. (husk tomato)	Mexico	1			Tex.
Cylas formicarius F. var. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Dominican Republic	1			N. Y.
Cylas puncticollis Boh. (Curculionidae):					
Ipomoea batatas	Union of South Africa		1		Mass.
Cylas turcipennis Boh. (Curculionidae):					
Ipomoea batatas	Java		1		La.
Cylindrocopturus biradiatus Champ. (Curculionidae):					
Cactus	Mexico	1			Tex.
Cymus virescens (F.) (Lygaeidae):					
Panicum sp.	Dutch West Indies	1			N. Y.
Cyrtopeltis varians (Dist.) (Miridae):					
Brassica chinensis (white greens)	Cuba	2			N. Y.
Miscellaneous flowers	Mexico	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in— Consumption	Nonentry	Propagation	Collected in—
Dacus cucurbitae (Coq.) (Tephritidae):					
Lycopersicon esculentum (tomato)	Hawaii		2		Calif.*
Phaseolus vulgaris (kidney bean)	do		1		Calif.*
Phaseolus sp. (string bean)	do		1		Calif.*
Dalopius marginatus (L.) (Elateridae):					
Rhododendron sp.	England			1	Wash.
Deloyala guttata (Oliv.) (Chrysomelidae):					
Orchid	Mexico			1	Tex.
Spinacia oleracea (spinach)	do	1			Tex.
Delcyala teconlei (Cr.) (Chrysomelidae):					
Brassica rapa (turnip)	do	1			Tex.
Dialeurodes chittendeni Laing (Aleyrodidae):					
Rhododendron sp.	England			2	N. J., Wash.
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae):					
Tabernaemontana sp.	Tahiti			1	Calif.*
Diaspis cocois Licht. (Coccidae):					
Cocos nucifera (coconut)	Jamaica	1			N. Y.
Diaspis texensis (Ckll.) (Coccidae):					
Sophora sp.	Mexico	1			Tex.
Dicyphus minimus Uhl. (Miridae):					
Lycopersicon esculentum (tomato)	do	1			Tex.
Dinoderus bifoveolatus Woll. (Bostrichidae):					
Derris scandens (derris)	Malaya (British), Straits Settlements.	5			N. Y.
Serjania mexicana (barbasco)	Peru	12			N. Y.
Dinoderus pilifrons Lesne (Bostrichidae):					
Bamboo	India	1	2		La., N. Y., Oreg.
Diocalandra taitensis (Guer.) (Curculionidae):					
Cocos nucifera (coconut)	Hawaii	2			Calif.*
Diphaulaca cordobae Barber (Chrysomelidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Disonycha antennata Jac. (Chrysomelidae):					
Ananas comosus	do	1			Tex.
Disonycha argentinensis Jac. (Chrysomelidae):					
Capsicum annuum (pepper)	Argentina		1		Mass.
Helianthus sp. (sunflower)	do	1			N. Y.
Disonycha arizonae Cas. (Chrysomelidae):					
Portulaca oleracea (purslane)	Mexico	2			Tex.
Disonycha politula Horn (Chrysomelidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Dorytomus brevisetosus Csy. (Curculionidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Populus sp. (cottonwood)	do		1		Ariz.
Draeculacephala minerva Ball (Cicadellidae):					
Medicago sativa (alfalfa)	do	1			Tex.
Morus alba (mulberry)	do	1			Ariz.
Rorippa nasturtium aquaticum (watercress)	do	1			Tex.
Drasterius livens (Lec.) (Elateridae):					
Beta vulgaris (beet)	do	1			Tex.
Brassica rapa (turnip)	do	1			Tex.
Brassica sp. (mustard)	do	1			Tex.
Portulaca oleracea (purslane)	do	1			Tex.
Dros petasum Kinsey (Cynipidae):					
Quercus macrophylla oak	do	1			Ariz.
Drymus sylvaticus (F.) (Lygaeidae):					
Packing around camellia plants	England			1	N. J.
Dynatopechus aureoplosus Fairm. (Curculionidae):					
Adenanthera pavonina (sandal beadtree)	Japan			1	Hawaii.*
Mucuna sp.	Hawaii	2			Calif.*
Dysdercus mimulus Huss. (Pyrrhocoridae):					
Lagerstroemia sp. (crapemyrtle)	Mexico	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Eburia brevispinis Bates (Cerambycidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Elaphidion irroratum (L.) (Cerambycidae):					
Terminalia sp	Cuba	1			N. Y.
Elaphrothrips dampfi Hood (Thripidae):					
Ananas comosus (pineapple)	Mexico	7			Tex.
Empoasca abrupta DeL. (Cicadellidae):					
Brassica sp. (mustard)	do	1			Tex.
Lactuca sativa (lettuce)	do	3			Tex.
Empoasca batatae Poos (Cicadellidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Empoasca phaseola Oman (Cicadellidae):					
Lycaste aromatica (orchid)	do			1	Tex.
Endrosis lacteella (Schiff.) (Oecophoridae):					
Narcissus sp	Ireland			1	N. J.
Epicaerus cognatus Sharp (Curculionidae):					
Solanum tuberosum (potato)	Mexico	5			Tex.
Epilachna varivestis Muls. (Coccinellidae):					
Brassica rapa (turnip)	do	2			Tex.
Medicago sativa (alfalfa)	Argentina		1		Pa.
Phaseolus sp. (string bean)	Mexico	1			Ariz.
Epinotia opposita Hein. (Olethreutidae):					
Capsicum annuum (pepper)	Mexico	2			Tex.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Phaseolus lunatus macrocarpus (lima bean).	do	1			Tex.
Phaseolus sp. (string bean)	Canal Zone, Mexico	272	10		Ariz., Md., Tex.
Epitrix subcrinita (Lec.) (Chrysomelidae):					
Rhododendron sp	Canada			3	Wash.
Epochra canadensis Loew (Tephritidae):					
Ribes sp. (wild currant)	Mexico	2			Tex.
Ereunetis flavistriata (Walsm.) (Tineidae):					
Cocos nucifera (coconut)	Hawaii		1		Calif.*
Eriococcus araucariae Mask. (Coccidae):					
Araucaria excelsa (Norfolk-Island-pine).	Guatemala			1	N. J.
Erynephala puncticollis (Say) (Chrysomelidae):					
Beta vulgaris (beet)	Mexico	1			Tex.
Flowers	do	1			Tex.
Medicinal herb	do	1			Tex.
Vegetables	do	1			Tex.
Eucalandra setulosa Gyll. (Curculionidae):					
Bamboo	Colombia	1			N. Y.
Cattleya sp. (orchid)	do			1	N. J.
Eumecosomyia nubila (Wied.) (Otitidae):					
Musa paradisiaca (plantain)	Cuba		1		La.
Zea mays (corn)	Cuba, Mexico	90	1		Ariz., N. Y., Tex.
Eumysia maculicula (Dyar) (Phycitidae):					
Roots of succulent	Mexico	2			Calif.
Euphoria kerni Hald. (Scarabaeidae):					
Grass	do	1			Tex.
Gardenia jasminoides (Cape-jasmine)	do	1			Tex.
Eurycipitia vestitus Dist. (Miridae):					
Cattleya lueddemanniana (orchid)	Honduras, Venezuela			2	Calif.*
Cattleya mossiae (orchid)	Venezuela			1	Calif.*
Cattleya sp	do			1	Calif.*
Epidendrum sp. (orchid)	Honduras			1	Calif.*
Oncidium cavendishianum (orchid)	Guatemala			1	Calif.*
Oncidium splendidum (orchid)	do			1	Calif.*
Orchid	Guatemala, Mexico	1		4	P. R., Tex.
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya sp. (orchid)	Brazil, Colombia, Peru, Venezuela.			44	Calif.,* N. J.
Orchid	Brazil, Mexico			8	N. J., Tex.
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, Cuba, Dutch Guiana, Hawaii, Peru, Puerto Rico, Trinidad, Virgin Islands.	5	55		Ala., La., Md., Mass., N. Y., Pa., Tex., Va.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Euschistus obscurus (P. B.) (Pentatomidae):					
Celosia sp. (cockscomb)	Mexico	1			Tex.
Euxesta sororcula (Wied.) (Otitidae):					
Zea mays (corn)	do	1			Tex.
Euxesta stigmatias Loew (Otitidae):					
Persea americana (avocado)	do	1			Tex.
Zea mays (corn)	do	25	1		Ariz., Tex.
Exitianus obscurinervis (Stal) (Cicadellidae):					
Portulaca oleracea (purslane)	do	1			Ariz.
Exptochiomera tumens (Stal) (Lygaeidae):					
Cattleya sp. (orchid)	Venezuela			2	N. J.
Falconia caduca Dist. (Miridae):					
Ricinus communis (castor bean)	Mexico	1			Tex.
Forficula auricularia L. (Forficulidae):					
Apium graveolens (celery)	Portugal		1		Pa.
Quercus sp. (oak)	do	1			Pa.
Symplocarpus foetidus (skunkcabbage)	Canada			1	Pa.
Frankliniella cephalica (Crawf.) (Thripidae):					
Chrysanthemum frutescens (Marguerite daisy)	Mexico	1			Tex.
Gerbera sp.	Canal Zone	1			N. Y.
Frankliniella cubensis Hood (Thripidae):					
Rosa sp.	Cuba, Mexico	2	1		Fla.*
Frankliniella fortissima Pr. (Thripidae):					
Gladiolus sp.	Mexico	3			Ariz.
Lathyrus odoratus (sweet pea)	do	23			Ariz.
Portulaca oleracea (purslane)	do	2			Ariz.
Frankliniella insularis (Frankl.) (Thripidae):					
Passiflora sp. (passionflower)	Bermuda	2			N. Y.
Rosa sp.	Bahamas		1		Fla.*
Fulvius bisbistillatus (Stal) (Miridae):					
Chrysanthemum sp.	Mexico	1			Tex.
Fulvius brevicornis (Reut.) (Miridae):					
Aglaonema sp.	China			4	N. J.
Furcaspis biformis (Ckll.) (Coccidae):					
Brassavola sp. (orchid)	Canal Zone			2	N. J.
Cattleya dowiana (orchid)	do			1	Calif.*
Cattleya superba	British West Indies			1	Calif.*
Cattleya trianae	Canal Zone			1	Calif.*
Cattleya sp.	Colombia, Dutch West Indies, Panama, Trinidad, Venezuela.			11	N. J., Tex.
Epidendrum atropurpureum (orchid)	Canal Zone, Panama			2	Calif.*, N. J.
Epidendrum sp.	Canal Zone, Venezuela			3	Calif., N. J.
Odontoglossum sp. (orchid)	Canal Zone			1	Calif.*
Oncidium lanceanum (orchid)	Trinidad			1	Calif.*
Oncidium panamense	Canal Zone			1	Calif.*
Oncidium sp.	do			2	N. J.
Orchid	Canal Zone, Colombia, Panama, Trinidad, Venezuela.	1	2	5	Fla., N. J., N. Y., P. R.
Calgupha punctifer McA. & M. (Cydnidae):					
Nymph	Honduras, Mexico			2	La., Tex.
Geocoris sonoraensis Van D. (Lygaeidae):					
Brassica rapa (turnip)	Mexico	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Gerstaeckeria mutillaria (Gerst. (Curculionidae):					
Mammillaria lenta (cactus)	do			1	Tex.
Gnathotrichus aciculatus Blackm. (Scolytidae):					
Lycopersicon esculentum (tomato)	do	1			Tex.
Gnathotrichus denticulatus Blackm. (Scolytidae):					
Brassica oleracea capitata (cabbage)	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum annuum (pepper)	do	69			Ariz., Calif., Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Gnorimoschema lavernella (Chamb.) (Gelechiidae):					
Physalis sp. (husk tomato)	Mexico	1			Tex.
Gonatas typicus Dist. (Lygaeidae):					
Cattleya sp. (orchid)	Colombia			1	N. J.
Gynaikothrips uzeli (Zimm.) (Phlaeothripidae):					
Brassica oleracea acephala (kale)	Cuba	1			N. Y.
Haplothrips gowdeyi (Frankl.) (Thripidae):					
Bougainvillea sp.	Hawaii	4			Calif.*
Brassica oleracea acephala (kale)	Cuba	1			N. Y.
Daucus carota (Queen-Annes-lace)	Bahamas	1			N. Y.
Dianthus sp. (carnation)	Canal Zone, Hawaii	2			Calif.*, Fla.*
Gardenia jasminoides (Cape-jasmine)	Mexico	1			Tex.
Gerbera sp.	Canal Zone	2			N. Y.
Hibiscus syriacus (rose of sharon)	Bermuda	1			N. Y.
Nerium oleander (oleander)	do	1			N. Y.
Haplothrips nigricornis Bagn. (Thripidae):					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	2			N. Y.
Heilipus trifasciatus (F.) (Curculionidae):					
Persea americana (avocado)	Costa Rica		1		Tex.
Heliodines bella (Chamb.) (Heliodinidae):					
Beta vulgaris (beet)	Mexico	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Portulaca oleracea (purslane)	do	57			Ariz., Calif., Tex.
Heliothis subflexa (Gn.) (Phalaenidae):					
Physalis sp. (husk tomato)	do	23			Tex.
Hellula phidilealis (Wlk.) (Pyraustidae):					
Brassica chinensis (white greens)	Cuba	11			N. Y.
Brassica hirta (white mustard)	Mexico	33			Calif.
Brassica oleracea capitata (cabbage)	Puerto Rico, Trinidad		3		N. Y.
Brassica rapa (turnip)	Cuba		1		N. Y.
Brassica sp. (mustard)	Cuba, Mexico	6			Calif., N. Y.
Hellula undalis (F.) (Pyraustidae):					
Beta cicla (Swiss chard)	Mexico	3			Ariz.
Brassica chinensis (white greens)	do	2			Ariz.
Brassica hirta (white mustard)	do	9			Calif.
Brassica oleracea botrytis (cauliflower)	do	1			Tex.
Brassica oleracea capitata (cabbage)	do	1			Ariz.
Brassica rapa (turnip)	do	10			Ariz., Tex.
Brassica sp. (mustard)	do	7			Ariz., Tex.
Raphanus sativus (radish)	do	3			Tex.
Heraeus guttatus (Dall.) (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Hercinothrips femoralis (Reut.) (Thripidae):					
Cypripedium sp. (orchid)	England			1	Hawaii*, N. J.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Cocos nucifera (coconut)	India	1			N. Y.
Wood	French Indo-China, India, Java.	6			Calif.*, N. Y.
Heteroderes laurenti Guer. (Elateridae):					
Brassica chinensis (white greens)	Cuba	1			N. Y.
Heteroderes rufangulus Gyll. (Elateridae):					
Excelsior in box of grapes	Argentina	1			N. Y.
Hofmannophila pseudospretella (Stainton) (Oecophoridae):					
Alstroemeria sp.	England			1	N. J.
Berberis jamesonii	do			1	D. C.
Ficus sp.	do			1	N. J.
Homalopalpia dalera Dyar (Phycitidae):					
Carica papaya (papaya)	Cuba	1			N. Y.
Homona patulana Wlk. (Tortricidae):					
Gardenia jasminoides (Cape-jasmine)	Mexico	1			Tex.
Homophoeta lustrans (Cr.) (Chrysomelidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Hypera meles F. (Curculionidae):					
Hay	Newfoundland	1			N. Y.
Hypera nigrirostris F. (Curculionidae):					
Hay	do	1			N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Hypselonotus fulvus (Deg.) (Coreidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Hypselonotus interruptus Hahn (Coreidae):					
Saponaria sp.	Brazil	1			N. Y.
Hypsipyla grandella (Zell.) (Phycitidae):					
Swietenia mahogani (mahogany)	Guatemala	2			N. Y.
Hypsoprora nogolata Ball (Membracidae):					
Gardenia jasminoides (Cape-jasmine)	Mexico	1			Ariz.
Keiferia lycopersicella (Busck) (Gelechiidae):					
Lycopersicon esculentum (tomato)	Cuba, Mexico	7,067	1		Ariz., Calif., N. Y., Tex., Vt.
Lacon leseleuci Cand. (Elateridae):					
Portulaca oleracea (purslane)	Mexico	1			Ariz.
Laemophloeus suturalis Reitt. (Cucujidae):					
Tabebuia donnell-smithii (primavera)	Guatemala	1			Tex.
Laemotmetus rhizophagoides (Walk.) (Cucujidae):					
Bamboo	Dutch East Indies, Java		2		La.
Lamprosema schistisemalis Hamps. (Pyraustidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Laspeyresia membrosa Hein. (Olethreutidae):					
Prosopis sp. (mesquite)	Mexico	1			Calif.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Japan, Portugal	6			Hawaii, N. Y.
Leperisinus frazini (Panz.) (Scolytidae):					
Fraxinus sp. (ash)	England	11			N. Y., Pa.
Lepidosaphes alba (Ckll.) (Coccidae):					
Manihot esculenta (cassava)	British Honduras, Cuba	1		1	D. C., Fla.*
Lepidosaphes auriculata (Green) (Coccidae):					
Codiaeum sp. (croton)	Hawaii			1	Calif.*
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Cactus	Mexico			5	N. J., Tex.
Cereus victoriensis (cactus)	do			1	Tex.
Cereus sp.	do			1	Tex.
Lemaireocereus dumortieri (cactus)	do			2	Tex.
Lemaireocereus sp.	do			1	Tex.
Myrtillocactus geometrizans (cactus)	do			1	Tex.
Pachycereus marginatus (organpipe-cactus).	do			4	Tex.
Lepidosaphes tuberculata Malen. (Coccidae):					
Cymbidium sp. (orchid)	England			27	Calif.*, Hawaii, N. J.
Lepidosaphes uniloba (Kuw.) (Coccidae):					
Algaia olivaeformis (maile alyxia)	Hawaii	1		1	Calif.*
Leptopharsa distentis Drake (Tingitidae):					
Ficus carica (fig.)	Guatemala	1			Tex.
Leptophobia aripa (Bdv.) (Pieridae):					
Brassica oleracea botrytis (cauliflower)	Mexico	5			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Leptostylus argentatus Duv. (Cerambycidae):					
Terminalia sp.	Cuba	1			N. Y.
Leucaspis cockerelli (deCharm.) (Coccidae):					
Dendrobium thyrsiflorum (orchid)	Costa Rica			1	Calif.*
Epidendrum sp. (orchid)	Honduras			1	Calif.*
Leucinodes elegantalis Guen. (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	6			Tex.
Lichtensia lutea (Ckll.) (Coccidae):					
Codiaeum sp. (croton)	do	1			Tex.

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		Consumption	Nonentry	Propagation	
Ligyrocoris auriviliana **(Dist.) (Lygaeidae):**					
Ananas comosus (pineapple)	Mexico	1			Tex.
Brassica chinensis (pakchoi)	do	1			Ariz.
Brassica sp. (mustard)	do	1			Tex.
Centaurea cyanus (bachelorbutton)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Orchid	do			2	Tex.
Phaseolus sp. (string bean)	do	1			Tex.
Portulaca sp. (purslane)	do	1			Tex.
Ligyrocoris nitidicollis **(Stal) (Lygaeidae):**					
Cereus victoriensis (cactus)	do			1	Tex.
Citrus aurantifolia (lime)	do	1			Tex.
Lineodes integra **(Zell.) (Pyraustidae):**					
Lycopersicon esculentum (tomato)	Cuba, Mexico	6			Ariz., N. Y., Tex.
Lineodes triangulalis **Moschler (Pyraustidae):**					
Capsicum annuum (pepper)	Mexico	1			Ariz.
Liriomyza flaveola **Fall. (Agromyzidae):**					
Brassica chinensis (white greens)	Cuba	23			N. Y.
Brassica oleracea acephala (kale)	do	7			N. Y.
Brassica sp. (mustard)	do	11			N. Y.
Coriandrum sativum (coriander)	do	2			N. Y.
Lophocateres pusillus **(Klug) (Ostomidae):**					
Gladiolus sp.	Canada			1	N. J.
Juglans sp. (walnut)	Australia	1			Va.
Lorita abornana chatka **Busck (Phaloniidae):**					
Capsicum annuum (pepper)	Mexico	83			Ariz., Tex.
Lycopersicon esculentum (tomato)	do	2			Ariz.
Lyctoxylon japonum **Reitt. (Lyctidae):**					
Bamboo	Dutch East Indies, Java		3		La., Tex.
Lygaeus guatemalanus **Dist. (Lygaeidae):**					
Swietenia mahogani (mahogany)	Guatemala	1			N. Y.
Lygaeus vittiscutis **Stal (Lygaeidae):**					
Orchid	do			1	Tex.
Lygus oblineatus **(Say) var. (Miridae):**					
Spinacia oleracea (spinach)	Mexico	1			Ariz.
Lygus pratensis **(L.) var. (Miridae):**					
Brassica hirta (white mustard)	do	1			Calif.
Brassica rapa (turnip)	do	1			Tex.
Portulaca oleracea (purslane)	do	1			Tex.
Macrodactylus mexicanus **Bts. (Scarabaeidae):**					
Capsicum annuum (pepper)	do	1			Tex.
Maruca testulalis **(Geyer) (Pyraustidae):**					
Canavalia sp.	Hawaii	4			Calif.*
Dioclea violacea (mauna loa lei)	do	2			Calif.*
Phaseolus sp. (string bean)	Colombia, Dominica, Dutch Guiana, Hawaii, Mexico, Puerto Rico, Trinidad.	2	8		Ala., Calif.*, La., Mass., N. Y., Tex.
Mecidea proliza **Stal (Pentatomidae):**					
Grass seed	Union of South Africa			1	Md.
Melanaspis aliena **(Newst.) (Coccidae):**					
Cattleya bowringiana (orchid)	Guatemala			1	Calif.*
Melusina annulata **(Mg.) (Melusinidae):**					
Brassica oleracea botrytis (cauliflower)	Scotland		1		N. Y.
Melusina regelationis **L. (Melusinidae):**					
Herb	England			1	N. J.
Metamasius callizona **(Chev.) (Curculionidae):**					
Ananas comosus (pineapple)	Mexico	1			Tex.
Metamasius sericeus **(Latr.) (Curculionidae):**					
Musa paradisiaca sapientum (banana)	Panama	1			Calif.*
Metriona profligata **(Boh.) (Chrysomelidae):**					
Mixed flowers	Mexico	1			Ariz.

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Micrapate scapularis (Gorh.) (Bostrichidae):					
Sambucus sp. (elder)	Mexico	7			N. Y.
Wood	do	5			Ariz., Ill., N. Y.
Micrelus ericae Gyll. (Curculionidae):					
Calluna vulgaris (heather)	Scotland	1			Mass.
Microcerotermes exiguus Hagn. (Termitidae):					
Wood	Nicaragua			1	N. J.
Monanthia monotropidia Stal (Tingitidae):					
Tillandsia sp. (orchid)	Mexico			1	Tex.
Monellema opuntiae Fisher (Cerambycidae):					
Mammillaria celsiana (cactus)	do			1	Tex.
Mammillaria sempervivi (cactus)	do			1	Tex.
Moodna bisinuella Hamp. (Phycitidae):					
Zea mays (corn)	do	45	2		Tex.
Mordellistena cattleyana Champ. (Mordellidae):					
Cattleya sp. (orchid)	Brazil, Canal Zone, Colombia, Venezuela.			15	N. J.
Orchid	Brazil			1	N. J.
Morganella longispina (Morg.) (Coccidae):					
Dendrobium spectabile (orchid)	Australia			1	Calif.*
Grammatophyllum speciosum (orchid)	Philippines			1	Calif.*
Myelois ceratoniae Zell. (Phycitidae):					
Ceratonia siliqua (St. Johnsbread)	Costa Rica			1	Calif.*
Myelois venipars Dyar (Phycitidae):					
Pithecellobium flexicaule (ebony)	Mexico	3			Tex.
Myodocha intermedia Dist. (Lygaeidae):					
Cattleya skinneri (orchid)	do			1	Tex.
Myodocha unispinosa Stal (Lygaeidae):					
Orchid	do			1	Tex.
Myzus ornatus Laing (Aphiidae):					
Erica sp.	Canada			1	Wash.
Patrinia palmata	British Columbia			1	N. J.
Primula sp. (primrose)	Canada			1	Wash.
Tulipa sp. (tulip)	England			1	N. Y.
Nabis alternatus Parsh. (Nabidae):					
Brassica rapa (turnip)	Mexico	1			Tex.
Brassica sp. (mustard)	do	1			Tex.
Cicer arietinum (garbanzo)	do	1			Ariz.
Daphne laureola (spurge laurel)	Canada			1	Wash.
Portulaca oleracea (purslane)	Mexico	1			Tex.
Spinacia oleracea (spinach)	do	1			Ariz.
Nabis annulatus Reut. (Nabidae):					
Portulaca oleracea (purslane)	do	1			Tex.
Nabis dentipes Harris (Nabidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Nabis punctipennis Blanch. (Nabidae):					
Packing	Chile	1			N. Y.
Nasutitermes cornigera Motsch. (Termitidae):					
Cattleya sp. (orchid)	Colombia, Costa Rica			2	Calif.*, N. J.
Cedrus sp. (cedar)	Costa Rica	1			N. Y.
Guaiacum officinale (lignumvitae)	Nicaragua	1			Calif.*
Nemapogon granella (L.) (Tineidae):					
Agaricus campestris (mushroom)	Canada	1			Wash.
Nemocephalus guatemalensis Senna (Brentidae):					
Tabebuia donnell-smithii (primavera)	Guatemala, Panama	2			N. Y., Tex.
Neoclytus cacicus Chevr. (Cerambycidae):					
Guaiacum officinale (lignumvitae)	Honduras, Panama	5			N. Y.
Neoclytus rufus Oliv. (Cerambycidae):					
Wood	Trinidad		1		N. Y.
Neurocentrus litigiosus (Stal) (Aradidae):					
Orchid	Guatemala			1	Tex.
Niveaspis fenestrata Ferris (Coccidae):					
Marsdenia cundurango (condorvine)	Peru	1			N. Y.
Nysius scutellatus Dall. (Lygacidae):					
Myristica fragrans (nutmeg)	Guadeloupe			1	P. R.
Odonaspis greeni (Ckll.) (Coccidae):					
Bamboo	Hawaii			1	Calif.*

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Odonaspis saccharicaulis (Zehnt.) (Coccidae):					
Saccharum officinarum (sugarcane)	Guatemala	1			N. Y.
Ogdoecosta biannularis (Boh.) (Chrysomelidae):					
Orchid	Mexico			1	Tex.
Opatrinus gemellus (Oliv.) (Tenebrionidae):					
Cattleya sp. (orchid)	Venezuela			2	N. J.
Opsius stactogalus Fieb. (Cicadellidae):					
Chrysanthemum sp	Mexico	1			Tex.
Gardenia jasminoides (Cape-jasmine)	do	1			Tex.
Ora sexlineata Chev. (Cyphonidae):					
Brassica chinensis (white greens)	Cuba	1			N. Y.
Orchidophilus aterrimus Waterh. (Curculionidae):					
Orchid	Thailand			1	Hawaii.*
Orchidophilus peregrinator Buch. (Curculionidae):					
Phalaenopsis amabilis (orchid)	Philippines			2	Calif.*, Hawaii.*
Vanda caerulea (orchid)	do			1	Calif.*
Pachnaeus litus Germ. (Curculionidae):					
Brassica chinensis (white greens)	Cuba	1			N. Y.
Pachycoris torridus (Scop.) var. (Pentatomidae):					
Orchid	Mexico			1	Tex.
Pachyzancla periusalis (Wlk.) (Pyraustidae):					
Solanum melongena (eggplant)	Cuba	4			La., N. Y.
Pagiocerus rimosus Eichh. (Scolytidae):					
Mimulus moschatus	Colombia	1			N. Y.
Zea mays (corn)	Peru	1		1	N. J., N. Y.
Palaeopus costicollis Marsh. (Curculionidae):					
Dioscorea sp. (yam)	Honduras	1			N. Y.
Ipomoea batatas (sweetpotato)	Trinidad		6		Ala., Mass., Pa.
Pantomorus xanthographus Germar (Curculionidae):					
Vitis sp. (grape)	Argentina	1			La.
Parlatoria blanchardi Targ. (Coccidae):					
Phoenix dactylifera (date)	Iran			1	N. Y.
Parlatoria cinerea Hadden (Coccidae):					
Citrus medica (citron)	Palestine	4			Calif.*
Citrus paradisi (grapefruit)	Trinidad		2		Fla.*
Citrus sinensis (orange)	Argentina, Bahamas, Brazil.	1	5		Fla.*, Mass.
Parlatoria crotonis Doug. (Coccidae):					
Codiaeum sp. (croton)	Hawaii			3	Calif.*
Parlatoria oleae (Colvee) (Coccidae):					
Prunus domestica (plum)	Argentina	7			N. Y.
Pyrus communis (pear)	do	1			N. Y.
Parlatoria pseudaspidiotus Ldgr. (Coccidae):					
Trichoglottis philippinensis (orchid)	Philippines			1	Hawaii.*
Vanda hookeriana (orchid)	Philippines, Sumatra			2	Calif.*, Hawaii.*
Vanda teres	India, Philippines, Sumatra.			7	Calif.*, Hawaii.,* N. J.
Vanda teres alba	Philippines	1		1	Hawaii.*
Vanda teres andersoni	Japan	1			Hawaii.*
Vanda sp.	India, Philippines, Sumatra.	1		8	Calif.*, Hawaii.*
Pectinophora gossypiella (Saund.) (Gelechiidae):					
Gossypium sp. (cottonseed)	American Virgin Islands, Brazil, Hawaii, Mexico, Puerto Rico.	9	1	1	Calif.*, D. C., Fla.*, La., P. R., Tex.
Gossypium sp. (seed cotton)	Antigua, Mexico	6	1		Fla.*, Tex.
Gossypium sp. (cotton) (boll)	Hawaii	1			Calif.*
Gossypium sp. (cotton) (oil mill motes).	Mexico	1			Tex.
Hibiscus esculentus (okra)	Puerto Rico	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Phaedon purpurea (Linell) (Chrysomelidae):					
Brassica chinensis (white chard)	Mexico	1			Ariz.
Phelomerus aberrans (Sharp) (Bruchidae):					
Cassia javanica (appleblossom senna)	Trinidad			1	N. J.
Cassia moschata	Canal Zone			1	N. J.
Phenacaspis eugeniae sandwichensis Full. (Coccidae):					
Cycas revoluta (sago cycas)	Hawaii			1	Calif.*
Phenacoccus gossypii Towns. & Ckll. (Coccidae):					
Capsicum annuum (pepper)	Cuba	2			N. Y.
Chrysanthemum sp.	Mexico	1			Ariz.
Hibiscus sp.	Dominican Republic	1			N. Y.
Mentha sp. (mint)	Mexico	1			Tex.
Pelargonium sp. (geranium)	do	1		1	Ariz., Tex.
Phyllotreta pusilla Horn (Chrysomelidae):					
Brassica oleracea capitata (cabbage)	do	1			Tex.
Brassica rapa (turnip)	do	1			Tex.
Daucus carota sativa (carrot)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Raphanus sativus (radish)	do	2			Tex.
Phyllotreta vittata discedens Weise (Chrysomelidae):					
Brassica chinensis (white greens)	Cuba	1			N. Y.
Brassica oleracea acephala (kale)	do	1			N. Y.
Phymata pennsylvanica coloradensis Mel. (Phymatidae):					
Portulaca oleracea (purslane)	Mexico	1			Tex.
Physonota picticollis Boh. (Chrysomelidae):					
Bromeliaceae	Guatemala			1	Calif.*
Pilophoropsis brachypterus Popp. (Miridae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Pinnaspis minor strachani Cooley (Coccidae):					
Musa paradisiaca sapientum (banana)	Trinidad	1			Fla.*
Pinnaspis townsendi (Ckll.) (Coccidae):					
Aerides falcatum (orchid)	Thailand			1	Hawaii.*
Aerides lawrenciae	Philippines			1	Hawaii.*
Aerides odoratum	Thailand			1	Hawaii.*
Aerides quinquenervia	Philippines			1	Hawaii.*
Cymbidium sp. (orchid)	Japan			1	Hawaii.*
Dendrobium moschatum (orchid)	Philippines			1	Hawaii.*
Dendrobium phalaenopsis	Sumatra			1	Calif.*
Renanthera storiei (orchid)	Philippines	1		1	Hawaii.*
Trichoglottis brachiata (orchid)	do			1	Hawaii.*
Vanda luzonica (orchid)	do			1	Hawaii.*
Vanda merrilli	do			1	Hawaii.*
Vanda roxburghi	Thailand			1	Hawaii.*
Pionea forficalis (L.) (Pyraustidae):					
Brassica oleracea capitata (cabbage)	England		3		N. Y.
Pityophthorus schwarzi Blackm. (Scolytidae):					
Pinus sp. (pine)	Mexico	1			Ariz.
Placosternus difficilis (Chevr.) (Cerambycidae):					
Ananas comosus (pineapple)	do	1			Tex.
Persea americana (avocado)	do	1			Tex.
Platyonta rostrana (Walk.) (Tortricidae):					
Ananas comosus (pineapple)	do	1			Tex.
Capsicum annuum (pepper)	Cuba	4			La., N. Y.
Citrus paradisi (grapefruit)	do	1			N. Y.
Musa paradisiaca (plantain)	do	1			N. Y.
Platynota stultana (Wlsm.) (Tortricidae):					
Brassica sp. (mustard)	Mexico	1			Tex.
Capsicum annuum (pepper)	do	330			Ariz., Tex.
Lycopersicon esculentum (tomato)	do	16			Ariz., Tex.
Platyomus lividigaster Muls. (Coccinellidae):					
Zingiber officinale (ginger)	Hawaii	1			Calif.*
Platypus alternans Chapuis (Platypodidae):					
Cedrus sp. (cedar)	Costa Rica	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Platypus ezaratus Bldf. (Platypodidae):					
Tabebuia donnell-smithii (primavera)	Guatemala	2			N. Y.
Platypus rugulosus Chapuis (Platypodidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Casearia praecox	Venezuela	1			N. Y.
Guaiacum officinale (lignumvitae)	Guatemala	2			N. Y.
Log	Mexico	2			Tex.
Swietenia mahogani (mahogany)	Costa Rica, Mexico	2			N. Y.
Tabebuia donnell-smithii (primavera)	Canal Zone, Guatemala, Mexico, Panama.	4			N. Y.
Wood	Mexico		1		Tex.
Polymerus basalis (Reut.) (Miridae):					
Chrysanthemum sp.	do	1			Tex.
Prays endocarpa (Meyr.) (Hyponomeutidae):					
Citrus aurantifolia (lime)	Philippines	1			Calif.*
Citrus limon (lemon)	Dutch East Indies		1		Calif.*
Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Anacardium occidentale (cashew)	Dominican Republic			1	P. R.
Gardenia jasminoides (Cape-jasmine)	Mexico, Venezuela	4			N. Y., Tex.
Lonicera sp. (honeysuckle)	Bermuda			1	N. Y.
Pseudaonidia clavigera (Ckll.) (Coccidae):					
Genipa sp. (genip)	Canal Zone			1	N. J.
Hibiscus sp.	Hawaii			4	Calif.*
Inga sp.	Canal Zone			1	N. J.
Myricaria sp.	do			1	N. J.
Pseudaonidia tesserata (deCharm.) (Coccidae):					
Hibiscus sp.	Hawaii			6	Calif.*
Pseudaonidia trilobitiformis (Green) (Coccidae):					
Citrus paradisi (grapefruit)	Java		1		N. Y.
Citrus sinensis (orange)	Brazil		1		Fla.*
Mangifera indica (mango)	do		1		Pa.
Terminalia catappa (Indian-almond)	Martinique	1			N. Y.
Pseudischnaspis alienus (Newst.) (Coccidae):					
Brassavola glauca (orchid)	Mexico			1	Calif.*
Cattleya skinneri (orchid)	Costa Rica, Salvador			5	Calif.*, N. J.
Cattleya sp.	Costa Rica			3	N. J., Tex.
Odontoglossum sp. (orchid)	Mexico			1	N. J.
Orchid	Costa Rica			1	P. R.
Pseudococcus boninsis (Kuw.) (Coccidae):					
Cymbopogon sp. (lemon grass)	Trinidad	1			N. Y.
Saccharum officinarum (sugarcane)	Bahamas, Cuba, Mexico	3	1	1	Fla.*, Tex.
Pseudococcus gahani (Green) (Coccidae):					
Citrus limon (lemon)	Union of South Africa		1		Mass.
Psila rosae (F.) (Psilidae):					
Daucus carota sativa (carrot)	England, Iceland		6		N. Y., Tex.
Pastinaca sativa (parsnip)	England		2		Pa.
Pteleobius vittatus F. (Scolytidae):					
Ulmus sp. (elm)	do	6			N. Y.
Pulvinaria floccifera (Westw.) (Coccidae):					
Cymbidium sp. (orchid)	do			1	N. J.
Pulvinaria urbicola Ckll. (Coccidae):					
Capsicum annuum (pepper)	Cuba	1			Fla.*
Puto mexicanus (Ckll.) (Coccidae):					
Cactus	Mexico			1	N. J.
Renocis mexicanus Blackm. (Scolytidae):					
Eysonhardtia sp.	do	3			Ill.
Sambucus sp. (elder)	do	1			N. Y.
Wood	do	9			Ariz., N. Y.
Rhagoletis pomonella (Walsh) (Tephritidae):					
Malus sylvestris (apple)	do	4			Tex.
Rhigopsidius tucumanus Heller (?) (Curculionidae):					
Solanum tuberosum (potato)	Peru	1	2		N. Y.
Rhizophagus dominica (Bostrichidae):					
Cucurbita sp.	Belgian Congo	1			N. Y.
Rhobonda gaurisana Wlkr. (Glyphipterygidae):					
Ficus sp.	Guatemala	2			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Rhopalothrips bicolor Hood (Thripidae):					
Cactus	Mexico	1			Tex.
Ribua innazia Hein. (Phycitidae):					
Ananas comosus (pineapple)	Cuba	24	1		La., N. Y.
Ripersia palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut)	Hawaii	3	1	1	Calif.*
Salpingus planirostris F. (Pythidae):					
Ulmus sp. (elm)	England	1			N. Y.
Saulaspis graphica (Germ.) (Chrysomelidae):					
Vitis sp. (grape)	Argentina	1			N. Y.
Scirtothrips longipennis (Bagn.) (Thripidae):					
Cypripedium sp. (orchid)	England			1	Hawaii.*
Scolytus multistriatus Marsh. (Scolytidae):					
Ulmus sp. (elm)	do	2			N. Y.
Sinoxylon anale Lesne (Bostrichidae):					
Areca sp	Malaya (British)	1			N. Y.
Derris scandens (Malay jewelvine)	do	2			N. Y.
Derris sp	Malaya (British), Philippines.	6			N. Y.
Wood	India	3	1		Mich., N. Y.
Sinoxylon conigerum Gerst. (Bostrichidae):					
Wood	do		1		N. Y.
Sinoxylon sexdentatum (Oliv.) (Bostrichidae):					
Slat on cork bundle	Portugal	1			N. Y.
Sisamnes contractus Dist. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	38			Tex.
Sitona lineata L. (Curculionidae):					
Rhododendron sp	British Columbia			1	Wash.
Spathulina hessi (Wied.) (Tephritidae):					
Helichrysum sp	Union of South Africa	1			N. Y.
Specularius erythrinae Bridwell (Bruchidae):					
Erythrina caffra	do	1			N. Y.
Erythrina constantiana	do	1			N. Y.
Stephanoderes brunneus Hopk. (Scolytidae):					
Poinciana pulcherrima (flowerfence poinciana).	Mexico	1			Ariz.
Stephanoderes hampei Ferr. (Scolytidae):					
Coffea sp	Canada	1			Minn.
Stephanoderes trinitatis Hopk. (Scolytidae):					
Ormosia coutinhoi	British Guiana	1			Mass.
Sternochetus mangiferae (F.) (Curculionidae):					
Mangifera indica (mango)	Hawaii	4	6		Calif.*
Stilodes fuscolineata (Stal) (Chrysomelidae):					
Banana debris	Costa Rica	1			La.
Stolas illustris (Chevr.) (Chrysomelidae):					
Musa paradisiaca sapientum (banana)	British Honduras	1			Fla.*
Systena basalis (Duv.) (Chrysomelidae):					
Brassica chinensis (white greens)	Cuba	2			N. Y.
Brassica sp. (mustard)	do	1			N. Y.
Chrysanthemum coronarium (crown-daisy).	do	1			N. Y.
Tadius erirhinoides Pascoe (Curculionidae):					
Cypripedium haynaldianum (orchid)	Philippines			1	Calif.*
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather)	Scotland	1			N. Y.
Taeniothrips hawaiiensis (Morg.) (Thripidae):					
Bougainvillea sp	Hawaii	2			Calif.*
Taeniothrips simplex (Morison) (Thripidae):					
Gladiolus sp	Mexico	2			Tex.
Talponia batesi Hein. (Oiethreutidae):					
Annona cherimola (cherimoya)	do	1			Tex.
Taphroderes sexmaculatus Boh. (Brentidae):					
Swietenia mahogani (mahogany)	Costa Rica	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Targionia bromeliae ("Newst." Leon) (Coccidae):					
Ananas comosus (pineapple)	Cuba	1			Fla.*
Targionia hartii (Ckll.) (Coccidae):					
Dioscorea sp. (yam)	Cuba, Trinidad, Union of South Africa, West Indies.	2	3		Fla.*, N. Y., Pa.
Targionia sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Bahamas, Cuba, Jamaica, Puerto Rico.	1	2	1	Fla.*, N. Y.
Teleonemia scrupulosa Stal (Tingitidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Tenthecoris bicolor Scott (Miridae):					
Cattleya mossiae (orchid)	Venezuela			2	Calif.*, P. R.
Cattleya sp. (orchid)	Brazil, Canal Zone, Colombia, Costa Rica, Venezuela.			30	Calif.*, N. J.
Epidendrum sp. (orchid)	Brazil			1	N. J.
Laelia sp. (orchid)	do			1	N. J.
Oncidium sp. (orchid)	Trinidad			1	N. J.
Orchid	Colombia, Mexico, Venezuela.			6	N. J., Tex.
Tesserocerus dejeani Chapuis (Platypodidae):					
Guaiacum officinale (lignumvitae)	Guatemala	1			N. Y.
Swietenia mahogani (mahogany)	Costa Rica, Honduras	2			N. Y.
Tabebuia donnell-smithii (primavera)	Guatemala	1			N. Y.
Tetraleurodes acaciae (Q.) (Aleyrodidae):					
Sophora sp.	Mexico	1			Tex.
Tetraleurodes fici Q. & B. (Aleyrodidae):					
Ficus carica (fig)	Guatemala	1			Tex.
Tetraleurodes ursorum (Ckll.) (Aleyrodidae):					
Epigaea repens (trailing arbutus)	Nova Scotia	4			Mass.
Tetraopes femoratus texanus Horn (Cerambycidae):					
Allium cepa (onion)	Mexico	1			Tex.
Tetraprioceta longicornis (Oliv.) (Bostrichidae):					
Swietenia mahogani (mahogany)	do	3			N. Y.
Wood	do		2		Tex.
Toxotrypana curvicauda Gerst. (Tephritidae):					
Carica papaya (papaya)	Honduras		1		La.
Trionymus peregrinus (Green) (Coccidae):					
Amaryllis sp.	England			1	N. J.
Trionymus sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Australia		1		Mass.
Trogoxylon prostomoides Gorh. (Lyctidae):					
Sambucus sp. (elder)	Mexico	1			N. Y.
Wood	do	1			N. Y.
Urbanus proteus (L.) (Hesperiidae):					
Phaseolus sp. (string bean)	do	1			Ariz.
Urodus parvula (Hy. Edw.) (Hyponomeutidae):					
Persea americana (avocado)	do	1			Tex.
Vinsonia stellifera (Westw.) (Coccidae):					
Brassavola sp. (orchid)	Canal Zone			1	Calif.*
Brassia sp. (orchid)	do			1	Calif.*
Cattleya sp. (orchid)	do			1	Calif.*
Haematoxylon campechianum (logwood).	Martinique	1			N. Y.
Oncidium altissimus (orchid)	American Virgin Islands			1	Fla.*
Stanhopea bucephalus (orchid)	Canal Zone			1	Calif.*
Xenochalepus omoger (Cr.) (Chrysomelidae):					
Bromeliaceae	Guatemala			1	Calif.*
Xyleborus affinis Eichh. (Scolytidae):					
Cedrus sp. (cedar)	Costa Rica	1			N. Y.
Swietenia mahogani (mahogany)	Honduras	1			N. Y.
Tabebuia donnell-smithii (primavera)	Mexico	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Xyleborus confusus Eichh. (Scolytidae):					
Cedrus sp. (cedar)	Costa Rica	1			N. Y.
Citrus paradisi (grapefruit)	Cuba	1			N. Y.
Guaiacum officinale (lignumvitae)	Guatemala	1			N. Y.
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Swietenia mahogani (mahogany)	Costa Rica, Honduras, Mexico.	3			N. Y.
Tabebuia donnell-smithii (primavera)	Guatemala, Mexico	5			N. Y., Tex.
Xyleborus fuscatus Eichh. (Scolytidae):					
Cedrus sp. (cedar)	Costa Rica	2			N. Y.
Jacaranda acutifolia (jacaranda)	Brazil		1		N. Y.
Xyleborus propinquus Eichh. (Scolytidae):					
Citrus aurantifolia (lime)	Mexico	2			Ariz.
Guaiacum officinale (lignumvitae)	Guatemala	1			N. Y.
Log	Mexico	1			Tex.
Lycopersicon esculentum (tomato)	do	3			Ariz.
Swietenia mahogani (mahogany)	Honduras	1			N. Y.
Tabebuia donnell-smithii (primavera)	Guatemala	2			N. Y.
Xyleborus sacchari Hopk. (Scolytidae):					
Saccharum officinarum (sugarcane)	Haiti		1		Md.
Tabebuia donnell-smithii (primavera)	Guatemala	1			N. Y.
Xyleborus torquatus Eichh. (Scolytidae):					
Guaiacum officinale (lignumvitae)	Mexico	1			N. Y.
Swietenia mahogani (mahogany)	Costa Rica, Mexico	3			N. Y.
Xylion adustus (F.) (Bostrichidae):					
Entandrophragma sp.	Gold Coast	1			N. Y.
Swietenia mahogani (mahogany)	do	1			N. Y.
Xylobiops texanus (Horn) (Bostrichidae):					
In bag containing avocados	Mexico	1			Tex.
Xylopsocus capucinus (F.) (Bostrichidae):					
Derris sp.	Malaya (British)	1			N. Y.
Zabrotes subfasciatus (Boh.) (Bruchidae):					
Allium cepa (onion)	Mexico	1			Tex.
Allium sativum (garlic)	do	1			Tex.
Arachis hypogaea (peanut)	do	1			Tex.
Bean	Guatemala, Mexico, Peru.	5		2	D. C., Mich., Tex.
Panicum maximum (guineagrass)	Costa Rica			1	N. Y.
Phaseolus lunatus macrocarpus (lima bean).	Union of South Africa		2		N. Y.
Phaseolus vulgaris (kidney bean)	Mexico			1	D. C.
Pisum sativum (pea)	Peru	1			N. Y.
Pisum sp. (yellow pea)	Mexico		1		N. Y.
Portulaca oleracea (purslane)	do	1			Ariz.
Saccharum officinarum (sugarcane)	do	1			Tex.
Triticum aestivum (wheat)	do	1			Tex.
Vigna sinensis (cowpea)	do			1	D. C.

Hosts and insects

ACACIA:
Acanthoscelides dominicanus (Coleoptera)
Acanthoscelides sallaei (Coleoptera)
ADENANTHERA:
Dynatopechus aureopilosus (Coleoptera)
AECHMEA:
Aleuroplatus cococolus (Homoptera)
AERIDIES—See Orchidaceae
AGLAONEMA:
Fulvius brevicornis (Hemiptera)
AGARICUS:
Nemapogon granella (Lepidoptera)
ALLIUM CEPA:
Tetraopes femoratus texanus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
ALLIUM SATIVUM:
Zabrotes subfasciatus (Coleoptera)
ALSTROEMERIA:
Hofmannophila pseudospretella (Lepidoptera)
ALYXIA:
Lepidosaphes uniloba (Homoptera)
AMARYLLIS:
Trionymus peregrinus (Homoptera)
AMYGDALUS PERSICA:
Anastrepha ludens (Diptera)
ANACARDIUM:
Protopulvinaria pyriformis (Homoptera)
ANANAS:
Acroleucus vicinalis (Hemiptera)
Alpheias conspirata (Lepidoptera)
Carneocephala sagittifera (Homoptera)
Cossonus canaliculatus (Coleoptera)
Cossonus impressus var. (Coleoptera)
Diphaulaca cordobae (Coleoptera)
Disonycha antennata (Coleoptera)
Eburia brevispinis (Coleoptera)
Elaphrothrips dampfi (Thysanoptera)
Heraeus guttatus (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Metamasius callizona (Coleoptera)
Placosternus difficilis (Coleoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Targionia bromeliae (Homoptera)
ANNONA:
Aspidiotus destructor (Homoptera)
Talponia batesi (Lepidoptera)
ANTHURIUM:
Ceroplastes rubens (Homoptera)
APIUM:
Anuraphis apiifolia (Homoptera)
Forficula auricularia (Orthoptera)
ARACHIS:
Zabrotes subfasciatus (Coleoptera)
ARAUCARIA:
Eriococcus araucariae (Homoptera)
ARECA:
Sinozylon anala (Coleoptera)
ASTROCARYUM:
Coccotrypes dactyliperda (Coleoptera)
BAMBOO:
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris (Homoptera)
Asterolecanium miliaris longum (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Chaetococcus bambusae (Homoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Laemotmetus rhizophagoides (Coleoptera)
Lyctoxylon japonum (Coleoptera)
Odonaspis greeni (Homoptera)
BAMBUSA:
Asterolecanium bambusae (Homoptera)
BANANA DEBRIS:
Stilodes fuscolineata (Coleoptera)
BAROSMA:
Chionaspis diosmae (Homoptera)
BEAN:
Conotrachelus seniculus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
BERBERIS:
Hofmannophila pseudospretella (Lepidoptera)
BETA CICLA:
Hellula undalis (Lepidoptera)
BETA VULGARIS:
Aceratagallia robusta (Homoptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Erynephala puncticollis (Coleoptera)
Heliodines bella (Lepidoptera)
BOUGAINVILLEA:
Acanthoscelides pruininus (Coleoptera)
Colpocarena complanata (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
BRASSAVOLA—See Orchidaceae
BRASSIA—See Orchidaceae
BRASSICA CAMPESTRIS:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA CHINENSIS:
Conoderus laurenti (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Crytopeltis varians (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Heteroderes laurenti (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Ora sexlineata (Coleoptera)
Puchnaeus litus (Coleoptera)
Phaedon purpurea (Coleoptera)
Phyllotreta vittata discedens (Coleoptera)
Systena basalis (Coleoptera)
BRASSICA HIRTA:
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)
BRASSICA OLERACEA ACEPHALA:
Gynaikothrips uzeli (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Liriomyza flaveola (Diptera)
Phyllotreta vittata discedens (Coleoptera)
BRASSICA OLERACEA BOTRYTIS:
Hellula undalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Melusina annulata (Hemiptera)
BRASSICA OLERACEA CAPITATA:
Ceutorhynchus quadridens (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Gnathotrichus denticulotus (Coleoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
Pionea forficalis (Lepidoptera)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
Deloyala lecontei (Coleoptera)
Drasterius livens (Coleoptera)
Epilachna varivestis (Coleoptera)
Geocoris sonoraensis (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)
Nabis alternatus (Hemiptera)
Phyllotreta pusilla (Coleoptera)
BRASSICA SP. (mustard):
Ceratocapsus cubanus (Hemiptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Empoasca abrupta (Homoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Nabis alternatus (Hemiptera)
Platynota stultana (Lepidoptera)
Systena basalis (Coleoptera)
BROMELIACEAE:
Asterolecanium epidendri (Homoptera)
Physonota picticollis (Coleoptera)
Xenochalepus omoger (Coleoptera)
CAESALPINIA:
Acanthoscelides dominicanus (Coleoptera)
CAJANUS:
Callosobruchus chinensis (Coleoptera)
CACTACEAE:
Cosmogramma angustofasciata (Coleoptera)
Cylindrocopturus biradiatus (Coleoptera)
Gerstaeckeria mutillaria (Coleoptera)
Lepidosaphes philococcus (Homoptera)

Hosts and insects—Continued

CACTACEAE—Continued.
Ligyrocoris nitidicollis (Hemiptera)
Monellema opuntiae (Coleoptera)
Puto mexicanus (Homoptera)
Rhopalothrips bicolor (Thysanoptera)
CALLUNA:
Micrelus ericae (Coleoptera)
Taeniothrips ericae (Thysanoptera)
CALOCARPUM:
Anastrepha serpentina (Diptera)
CAMELLIA:
Aleurotrachelus camelliae (Homoptera)
CANAVALIA:
Cosmolyce boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
CAPSICUM:
Aceratagallia pallida (Homoptera)
Arvelius albopunctatus (Hemiptera)
Disonycha argentinensis (Coleoptera)
Epinotia opposita (Lepidoptera)
Gnorimoschema gudmannella (Lepidoptera)
Lineodes triangulalis (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Macrodactylus mexicanus (Coleoptera)
Phenacoccus gossypii (Homoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Pulvinaria urbicola (Homoptera)
CARICA:
Homalopalpia dalera (Lepidoptera)
Toxotrypana curvicauda (Diptera)
CASEARIA:
Platypus rugulosus (Coleoptera)
CASSIA:
Acanthoscelides alticola (Coleoptera)
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)
CASTANEA:
Clytus arietis (Coleoptera)
Laspeyresia splendana (Lepidoptera)
CATTLEYA—See Orchidaceae
CEDRUS:
Nasutitermes cornigera (Isoptera)
Platypus alternans (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus fuscatus (Coleoptera)
CELOSIA:
Euschistus obscurus (Hemiptera)
CENTAUREA:
Ligyrocoris auriviliana (Hemiptera)
CERATONIA:
Acanthoscelides ceratioborus (Coleoptera)
Amblycerus piurae (Coleoptera)
Myelois ceratoniae (Lepidoptera)
CEREUS—See Cactaceae
CHRYSANTHEMUM:
Aceratagallia nana (Homoptera)
Frankliniella cephalica (Thysanoptera)
Fulvius bististillatus (Hemiptera)
Hypselonotus fulvus (Hemiptera)
Opsius stactogalus (Homoptera)
Phenacoccus gossypii (Homoptera)
Polymerus basalis (Hemiptera)
Systena basalis (Coleoptera)
Teleonemia scrupulosa (Hemiptera)
CICER:
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Nabis alternatus (Hemiptera)
CITRUS AURANTIFOLIA:
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Ligyrocoris nitidicollis (Hemiptera)
Prays endocarpa (Lepidoptera)
Xyleborus propinquus (Coleoptera)
CITRUS AURANTIUM:
Anastrepha ludens (Diptera)
CITRUS LIMON:
Prays endocarpa (Lepidoptera)
Pseudococcus gahani (Homoptera)
CITRUS MEDICA:
Parlatoria cinerea (Homoptera)
CITRUS PARADISI:
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha serpentina (Diptera)
Aonidiella inornata (Homoptera)
Parlatoria cinerea (Homoptera)
Platynota rostrana (Lepidoptera)
Pseudaonidia trilobitiformis (Homoptera)
Xyleborus confusus (Coleoptera)
CITRUS RETICULATA:
Aonidiella inornata (Homoptera)
Chionaspis yanonensis (Homoptera)
CITRUS SINENSIS:
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Parlatoria cinerea (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
COCOS:
Aspidiotus destructor (Homoptera)
Chrysomphalus personatus (Homptera)
Diaspis cocois (Homptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Ripersia palmarum (Homoptera)
CODIAEUM:
Lepidosaphes auriculata (Homoptera)
Lichtensia lutea (Homoptera)
Parlatoria crotonis (Homoptera)
COELOGYNE—See Orchidaceae
COFFEA:
Ceratitis capitqta (Diptera)
Stephanoderes hampei (Coleoptera)
COLOCASIA:
Conchylodes ovulalis (Lepidoptera)
CORIANDRUM:
Liriomyza flaveola (Diptera)
CRATAEGUS:
Crocidosema plebetana (Lepidoptera)
CUCURBITA:
Rhizophagus dominica (Coleoptera)
CYCAS:
Aonidiella inornata (Homoptera)
Phenacaspis eugeniae sandwichensis (Homoptera)
CYDONIA:
Anastrepha ludens (Diptera)
CYMBIDIUM—See Orchidaceae
CYMBOPOGON:
Pseudococcus boninsis (Homoptera)
CYPRIPEDIUM—See Orchidaceae
DAHLIA:
Hofmannophila pseudospretella (Lepidoptera)
DAISY:
Euphoria kerni (Coleoptera)
DAPHNE:
Nabis alternatus (Hemiptera)
DAUCUS:
Agromyza virens (Diptera)
Haplothrips gowdeyi (Thysanoptera)
Phyllotreta pusilla (Coleoptera)
Psila rosae (Diptera)
DERRIS:
Dinoderus bifoveolatus (Coleoptera)
Sinoxylon anale (Coleoptera)
Xylopsocus capucinus (Coleoptera)
DIOCLEA:
Maruca testulalis (Lepidoptera)
DIOSCOREA:
Palaeopus costicollis (Coleoptera)
Targionia hartii (Homoptera)
DENDROBIUM—See Orchidaceae
DIANTHUS:
Allocoris incognita (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
ENTANDROPHRAGMA:
Xylion adustus (Coleoptera)
EPIDENDRUM—See Orchidaceae
EPIGAEA:
Aleuroplatus myricae (Homoptera)
Tetraleurodes ursorum (Homoptera)

Hosts and insects—Continued

ERICA:
Myzus ornatus (Homoptera)
ERYTHRINA:
Aspidiotus herculeanus (Homoptera)
Specularius erythrinae (Coleoptera)
EYSONHARDTIA:
Renocis mexicanus (Coleoptera)
FICUS:
Aspidiotus spinosus (Homoptera)
Leptopharsa distantis (Hemiptera)
Rhobonda gaurisana (Lepidoptera)
Tetraleurodes fici (Homoptera)
FRAXINUS:
Argyrotoza conwayana (Lepidoptera)
Leperisinus frazini (Coleoptera)
GARDENIA:
Acrosternum stitica (Hemiptera)
Coccus viridis (Homoptera)
Euphoria kerni (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
Homona patulana (Lepidoptera)
Hypsoprora nogolata (Homoptera)
Opsius stactogalus (Homoptera)
Protopulvinaria pyriformis (Homoptera)
GENIPA:
Pseudaonidia clavigera (Homoptera)
GERBERA:
Frankliniella cephalica (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
GLADIOLUS:
Frankliniella fortissima (Thysanoptera)
Lophocateres pusillus (Coleoptera)
Taeniothrips simplex) (Thysanoptera)
GLEDITSIA:
Bruchidius dorsalis (Coleoptera)
GONGORA—See Orchidaceae
GOSSYPIUM:
Bucculatrix thurberiella (Lepidoptera)
Corcyra cephalonica (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
GRAMMATOPHYLLUM—See Orchidaceae
GUAIACUM:
Nasutitermes cornigera (Isoptera)
Neoclytus cacicus (Coleoptera)
Platypus rugulosus (Coleoptera)
Tesserocerus dejeani (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
HAEMATOXYLON:
Vinsonia stellifera (Homoptera)
HELIANTHUS:
Disonycha argentinensis (Coleoptera)
HELICHRYSUM:
Spathulina hessi (Diptera)
HIBISCUS:
Crocidosema plebeiana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Pectinophora gossypiella (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Pseudaonidia clavigera (Homoptera)
Pseudaonidia tesserata (Homoptera)
INGA:
Pseudaonidia clavigera (Homoptera)
IPOMOEA:
Cylas formicarius (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Cylas turcipennis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
JACARANDA:
Xyleborus fuscatus (Coleoptera)
JASMINUM:
Aonidiella inornata (Homoptera)
JUGLANS:
Lophocateres pusillus (Coleoptera)
LACTUCA:
Anacentrinus deplanatus (Coleoptera)
Conoderus lividus (Coleoptera)
Disonycha politula (Coleoptera)
Empoasca abrupta (Homoptera)
Empoasca batatae (Homoptera)
Geocoris sonoraensis (Hemiptera)
Homophoeta lustrans (Coleoptera)

LACTUCA—Continued.
Leptophobia aripa (Lepidoptera)
Ligyrocoris auriwilliana (Hemiptera)
Nabis dentipes (Hemiptera)
Phyllotreta pusilla (Coleoptera)
LAELIA—See Orchidaceae
LAGERSTROEMIA:
Dysdercus mimulus (Hemiptera)
LATHYRUS:
Frankliniella fortissima (Thysanoptera)
LAURUS:
Aonidia lauri (Homoptera)
Chrysomphalus personatus (Homoptera)
LEMAIREOCEREUS—See Cactaceae
LITCHI:
Ceroplastes rubens (Homoptera)
LONICERA:
Protopulvinaria pyriformis (Homoptera)
LYCASTE—See Orchidaceae
LYCOPERSICON:
Amphicerus cornutus (Coleoptera)
Callidium antennatum hesperum (Coleoptera)
Dacus cucurbitae (Diptera)
Dicyphus minimus (Hemiptera)
Dorytomus brevisetosus (Coleptera)
Epinotia opposita (Lepidoptera)
Gnathotrichus aciculatus (Coleoptera)
Gnathotrichus denticulatus (Coleoptera)
Gnorimoschena gudmannella (Lepidoptera)
Heliodines bella (Lepidoptera)
Keiferia lycopersicella (Lepidoptera)
Leucinodes elegantalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Pilophoropsis brachypterus (Hemiptera)
Platynota stultana (Lepidoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
MALUS:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Rhagoletis pomonella (Diptera)
MAMMEA:
Anastrepha serpentina (Diptera)
Aspidiotus spinosus (Homoptera)
MAMMILLARIA—See Cactaceae
MANGIFERA:
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Pseudaonidia trilobitiformis (Homoptera)
Sternochetus mangiferae (Coleoptera)
MANIHOT:
Lepidosaphes alba (Homoptera)
MARSDENIA:
Niveaspis fenestrata (Homoptera)
MEDICAGO:
Colias eurytheme (Lepidoptera)
Draeculacephala minerva (Homoptera)
Epilachna varivestis (Coleoptera)
MENTHA:
Phenacoccus gossypii (Homoptera)
MILTONIA—See Orchidaceae
MIMULUS:
Pagiocerus rimosus (Coleoptera)
MUCUNA:
Dynatopechus aureopilosus (Coleoptera)
MUSA PARADISIACA:
Eumecosomyia nubila (Diptera)
Platynota rostrana (Lepidoptera)
MUSA PARADISIACA SAPIENTUM:
Adraneothrips tibialis (Thysanoptera)
Aspidiotus destructor (Homoptera)
Metamasius sericeus (Coleoptera)
Pinnaspis minor strachani (Homoptera)
Stolas illustris (Coleoptera)
MUSCARI:
Bouhelia maroccana (Homoptera)
MYRISTICA:
Nysius scutellatus (Hemiptera)
MYRICARIA:
Pseudaonidia clavigera (Homoptera)
MYRTILLOCACTUS—See Cactaceae
NARCISSUS:
Endrosis lacteella (Lepidoptera)

Hosts and insects—Continued

NERIUM:
Haplothrips gowdeyi (Thysanoptera)
ODONTOGLOSSUM—See Orchidaceae
ONCIDIUM—See Orchidaceae
ORMOSIA:
Stephanoderes trinitatis (Coleoptera)
ORNITHOGALUM:
Haplothrips nigricornis (Thysanoptera)
ORYZA:
Chilo simplex (Lepidoptera)
Corcyra cephalonica (Lepidoptera)
ORCHIDACEAE:
Acrolophus fervidus (Lepidoptera)
Aeolus pulchellus (Coleoptera)
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Anastrepha striata (Diptera)
Aonidiella eremocitri (Homoptera)
Aspidiotus diffinis (Homoptera)
Asterolecanium epidendri (Homoptera)
Capaneus odiosus (Hemiptera)
Chrysomphalus multiporus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Conchaspis angraeci (Homoptera)
Conotrachelus naso (Coleoptera)
Cryphula apicatus (Hemiptera)
Cryphula fasciatus (Hemiptera)
Cryptamorpha desjardinsi (Coleoptera)
Delovala guttata (Coleoptera)
Empoasca phaseola (Homoptera)
Eucalandra setulosa (Coleoptera)
Eurycipitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Exptochiomera tumens (Hemiptera)
Furcaspis biformis (Homoptera)
Galgupha punctifera (Hemiptera)
Gonatas typicus (Hemiptera)
Hercinothrips femoralis (Thysanoptera)
Lamprosema schistisemalis (Lepidoptera)
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Ligyrocoris auriwilliana (Hemiptera)
Lygaeus vittiscutis (Hemiptera)
Melanaspis aliena (Homoptera)
Mordellistena cattleyana (Coleoptera)
Morganella longispina (Homoptera)
Myodocha intermedia (Hemiptera)
Myodocha unispinosa (Hemiptera)
Nasutitermes cornigera (Isoptera)
Neurocentus litigiosus (Hemiptera)
Ogdocosta biannularis (Coleoptera)
Opatrinus gemellus (Coleoptera)
Orchidophilus aterrimus (Coleoptera)
Orchidophilus peregrinator (Coleoptera)
Pachycoris torridus var. (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis townsendi (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pulvinaria floccifera (Homoptera)
Scirtothrips longipennis (Thysanoptera)
Tadius erithinoides (Coleoptera)
Tenthecoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)
PACHYCEREUS—See Cactaceae
PANICUM:
Cymus virescens (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
PASSIFLORA:
Frankliniella insularis (Thysanoptera)
PASTINACA:
Psila rosae (Diptera)
PATRINIA:
Myzus ornatus (Homoptera)
PELARGONIUM:
Phenacoccus gossypii (Homoptera)
PELLICIERA:
Aspidiotus herculeanus (Homoptera)
PERSEA:
Anastrepha ludens (Diptera)
Aspidiotus destructor (Homoptera)
Aspidiotus spinosus (Homoptera)
Caulophilus latinasus (Coleoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)

PERSEA—Continued.
Conotrachelus perseae (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Euxesta stigmatias (Diptera)
Heilipus trifasciatus (Coleoptera)
Placosternus difficilis (Coleoptera)
Urodus parvula (Lepidoptera)
PHALAENOPSIS—See Orchidaceae
PHASEOLUS AUREUS:
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
PHASEOLUS LUNATUS MACROCARPUS:
Epinotia opposita (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
PHASEOLUS MUNGO RADIATUS:
Callosobruchus maculatus (Coleoptera)
PHASEOLUS VULGARIS:
Dacus cucurbitae (Diptera)
Zabrotes subfasciatus (Coleoptera)
PHASEOLUS SP. (string bean):
Dacus cucurbitae (Diptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Ligyrocoris auriwilliana (Hemiptera)
Maruca testualis (Lepidoptera)
Urbanus proteus (Lepidoptera)
PHOENIX:
Parlatoria blanchardi (Homoptera)
PHYSALIS:
Cylas formicarius elegantulus (Coleoptera)
Gnorimoschema lavernella (Lepidoptera)
Heliothis subflexa (Lepidoptera)
PINUS:
Aonidia pinicola (Homoptera)
Chapuisia mexicana (Coleoptera)
Pityophthorus schwarzi (Coleoptera)
PIPER:
Aonidiella inornata (Homoptera)
PISUM:
Bruchus emarginatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
PITHECELLOBIUM:
Acanthoscelides flexicaulis (Coleoptera)
Acanthoscelides julianus (Coleoptera)
Acanthoscelides limbatus (Coleoptera)
Myelois venipars (Lepidoptera)
PODALYRIA:
Bruchidius versicolor (Coleoptera)
POINCIANA:
Anarsetesis indecora (Lepidoptera)
Stephanoderes brunneus (Coleoptera)
POPULUS:
Dorytomus brevisetosus (Coleoptera)
PORTULACA:
Callosobruchus maculatus (Coleoptera)
Dixonycha arizonae (Coleoptera)
Drasterius livens (Coleoptera)
Exitianus obscurinervis (Homoptera)
Frankliniella fortissima (Thysanoptera)
Heliodines bella (Lepidoptera)
Lacon leseleuci (Coleoptera)
Ligyrocoris auriwilliana (Hemiptera)
Lygus pratensis var. (Hemiptera)
Nabis alternatus (Hemiptera)
Nabis annulatus (Hemiptera)
Phymata pennsylvanica coloradensis (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
PRIMULA:
Myzus ornatus (Homoptera)
PROSOPIS:
Acanthoscelides cerutioborus (Coleoptera)
Acmaeodera gibbula aclumbis (Coleoptera)
Laspeyresia membrosa (Lepidoptera)
PRUNUS:
Parlatoria oleae (Homoptera)
PSIDIUM:
Anastrepha mombinpraeoptans (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
PUNICA:
Anastrepha ludens (Diptera)
Caulophilus latinasus (Coleoptera)
PYRUS:
Anastrepha ludens (Diptera)
Parlatoria oleae (Homoptera)

Hosts and insects—Continued

QUERCUS:
Andricus championi (Hymenoptera)
Andricus mexicanus (Hymenoptera)
Biorhiza solita (Hymenoptera)
Conotrachelus integer (Coleoptera)
Dros petasum (Hymenoptera)
Forficula auricularia (Orthoptera)
RADICULA:
Draeculacephala minerva (Homoptera)
RAPHANUS:
Hellula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
RENANTHERA—See Orchidaceae
RHODODENDRON:
Amphorophora rhododendri (Homoptera)
Dalopius marginatus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Epitrix subcrinita (Coleoptera)
Sitona lineata (Coleoptera)
RIBES:
Epochra canadensis (Diptera)
RICINUS:
Falconia caduca (Hemiptera)
ROSA:
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Frankliniella cubensis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
ROYSTONEA:
Aspidiotus destructor (Homoptera)
SACCHARUM:
Odonaspis saccharicaulis (Homoptera)
Pseudococcus boninsis (Homoptera)
Targionia sacchari (Homoptera)
Trionymus sacchari (Homoptera)
Xyleborus sacchari (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
SALVIA:
Aylax salviae (Hymenoptera)
SAMBUCUS:
Amphicerus cornutus (Coleoptera)
Micrapate scapularis (Coleoptera)
Fenocis mexicanus (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
SAPONARIA:
Hypselonotus interruptus (Hemiptera)
SAPOTE:
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
SAXIFRAGA:
Acalypta mera (Hemiptera)
SCHEELEA:
Caryobruchus buscki (Coleoptera)
SCHOMBURGKIA—See Orchidaceae
SEMPERVIVUM:
Acalypta mera (Hemiptera)
SERJANIA:
Dinoderus bifoveolatus (Coleoptera)
SOIL:
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
SOLANUM MELONGENA:
Pachyzancla perirsalis (Lepidoptera)
SOLANUM TUBEROSUM:
Epicaerus cognatus (Coleoptera)
Phigopsidius tucumanus (?) (Coleoptera)
SOPHORA:
Diaspis lexensis (Homoptera)
Tetraleurodes acaciae (Homoptera)
SPINACIA:
Deloyala guttata (Coleoptera)
Lygus oblineatus var. (Hemiptera)
Nabis alternatus (Hemiptera)
SPONDIAS:
Aspidiotus herculeanus (Homoptera)
STANHOPEA—See Orchidaceae
SWIETENIA:
Hypsipyla grandella (Lepidoptera)
Lygaeus guatemalanus (Hemiptera)
Platypus rugulosus (Coleoptera)
Taphroderes sexmaculatus (Coleoptera)
Tesserocerus dejeani (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
Xylion adustus (Coleoptera)
SYMPLOCARPUS:
Forficula auricularia (Orthoptera)
TABEBUIA:
Acanthoderes circumflexa (Coleoptera)
Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Cossonus canaliculatus (Coleoptera)
Laemophloeus suturalis (Coleoptera)
Nemocephalus guatemalensis (Coleoptera)
Platypus exaratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Tesserocerus dejeani (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus subaffinis (Coleoptera)
TABERNAEMONTANA:
Dialeurodes kirkaldyi (Homoptera)
TAMARINDUS:
Caryedon fuscus (Coleoptera)
TERMINALIA:
Aspidiotus destructor (Homoptera)
Elaphidion irroratum (Coleoptera)
Leptostylus argentatus (Coleoptera)
Pseudaonidia trilobitiformis (Homoptera)
TETRAPLEURA:
Callosobruchus maculatus (Coleoptera)
THEOBROMA:
Corcyra cephalonica (Lepidoptera)
THUJA:
Cinara tujafilina (Homoptera)
TILLANDSIA:
Monanthia monotropidia (Hemiptera)
TRITICUM:
Zabrotes subfasciatus (Coleoptera)
TULIPA:
Myzus ornatus (Homoptera)
ULMUS:
Clytus arietis (Coleoptera)
Pteleobius vittatus (Coleoptera)
Salpingus planirostris (Coleoptera)
Scolytus multistriatus (Coleoptera)
VANDA—See Orchidaceae
VICIA:
Bruchus dentipes (Coleoptera)
Bruchus dentipes ochraceosignatus (Coleoptera)
Bruchus hamatus (Coleoptera)
VIGNA:
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
VITIS:
Pantomorus xanthographus (Coleoptera)
Saulaspis graphica (Coleoptera)
VOANDZELA:
Callosobruchus subinnotatus (Coleoptera)
ZEA:
Agrotis vetusta (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Chirothrips aculeatus (Thysanoptera)
Conotrachelus seniculus (Coleoptera)
Eumecosomyia nubila (Diptera)
Euxesta sororcula (Diptera)
Euxesta stigmatias (Diptera)
Moodna bisinuella (Lepidoptera)
Paqiocerus rimosus (Coleoptera)
ZINGIBER:
Platyomus lividigaster (Coleoptera)

Hosts unknown

BAG CONTAINING AVOCADOS:
Xylobiops texanus (Coleoptera)
EXCELSIOR IN BOX OF GRAPES:
Heteroderes rufangulus (Coleoptera)
FLOWERS:
Cyrtopeltis varians (Hemiptera)
Draeculacephala minerva (Homoptera)
Erynephala puncticollis (Coleoptera)
Metriona profligata (Coleoptera)
GRASS SEED:
Mecidea prpliza (Hemiptera)
HAY:
Hypera meles (Coleoptera)
Hypera nigrirostris (Coleoptera)
HERB:
Erynephala puncticollis (Coleoptera)
Melusina regelationis (Hemiptera)
LOG:
Frentus anchorago (Coleoptera)
Calydon submetallicum (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus propinquus (Coleoptera)
PACKING:
Drymus sylvaticus (Hemiptera)
PACKING—Continued.
Nabis punctipennis (Hemiptera)
PALM:
Aspidiotus destructor (Homoptera)
PLANT:
Aleurotrachelus trachoides (Homoptera)
SUCCULENT:
Eumysia maculicula (Lepidoptera)
VEGETABLES:
Erynephala puncticollis (Coleoptera)
WOOD:
Amphicerus cornutus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate scapularis (Coleoptera)
Microcerotermes exiguus (Isoptera)
Neoclytus rufus (Coleoptera)
Platypus rugulosus (Coleoptera)
Fenocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Sinoxylon sexdentatum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Trogoxylon prostomoides (Coleoptera)

Country of origin and insects

ALGERIA:
Callosobruchus maculatus
Callosobruchus subinnotatus
AMERICAN VIRGIN ISLANDS:
Pectinophora gossypiella
Vinsonia stellifera
ANTIGUA:
Asterolecanium miliaris longum
Pectinophora gossypiella
ARGENTINA:
Anastrepha fraterculus
Cylas formicarius elegantulus
Disonycha argentinensis
Epilachna varivestis
Heteroderes rufangulus
Pantomorus xanthographus
Parlatoria cinerea
Parlatoria oleae
Saulaspis graphica
AUSTRALIA:
Anaphothrips orchidii
Lophocateres pusillus
Morganella longispina
Trionymus sacchari
BAHAMAS:
Coccus viridis
Frankliniella insularis
Furcaspis biformis
Haplothrips gowdeyi
Parlatoria cinerea
Pseudococcus boninsis
Targionia sacchari
BARBADOS:
Asterolecanium miliaris robustum
Chrysomphalus personatus
BELGIAN CONGO:
Phizophagus dominica
BERMUDA:
Frankliniella insularis
Haplothrips gowdeyi
Protopulvinaria pyriformis
BRAZIL:
Anastrepha fraterculus
Anastrepha serpentina
Asterolecanium epidendri
Colpocarena complanata
Conchaspis angraeci
Corcyra cephalonica
Eurytoma orchidearum
Euscepes postfasciatus
Hypselonotus interruptus
Mordellistena cattleyana
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Tenthecoris bicolor
Xyleborus fuscatus
BRITISH COLUMBIA:
Amphorophora rhododendri
Myzus ornatus
Sitona lineata
BRITISH GUIANA:
Caryedon fuscus
Stephanoderes trinitatis
BRITISH HONDURAS:
Lepidosaphes alba
Stolas illustris
BRITISH WEST INDIES:
Furcaspis biformis
CANADA:
Acalypta mera
Epitrix subcrinita
Forficula auricularia
Lophocateres pusillus
Myzus ornatus
Nabis alternatus
Nemapogon granella
Stephanoderes hampei
CANAL ZONE:
Acanthoderes circumflexa
Acanthocelides alticola
Aspidiotus diffinis
Aspidiotus herculeanus
Caryobruchus buscki
Coccus viridis
Conchaspis angraeci
Epinotia opposita
Frankliniella cephalica
Furcaspis biformis
Haplothrips gowdeyi
Mordellistena cattleyana
Phelomerus aberrans
Platypus rugulosus
Pseudaonidia clavigera
Tenthecoris bicolor
Vinsonia stellifera
CHILE:
Calydon submetallicum
Nabis punctipennis
CHINA:
Callosobruchus maculatus
Ceroplastes rubens
Cylas formicarius elegantulus
Fulvius brevicornis
COLOMBIA:
Acanthocelides dominicanus
Acrolophus fervidus
Anaphothrips orchidaceus
Anastrepha serpentina
Asterolecanium epidendri
Clerada apicicornis
Conotrachelus naso
Corcyra cephalonica
Cryphula fasciatus

Country of origin and insects—Continued

COLOMBIA—Continued.
Eucalandra setulosa
Eurytoma orchidearum
Furcaspis biformis
Gonatas typicus
Maruca testulalis
Mordellistena cattleyana
Nasutitermes cornigera
Pagiocerus rimosus
Tenthecoris bicolor
COSTA RICA:
Asterolecanium bambusae
Asterolecanium epidendri
Chrysomphalus umboniferus
Heilipus trifasciatus
Leucaspis cockerelli
Myelois ceratoniae
Nasutitermes cornigera
Platypus alternans
Platypus rugulosus
Pseudischnaspis alienus
Stilodes fuscolineata
Taphroderes sexmaculatus
Tenthecoris bicolor
Tesserocerus dejeani
Xyleborus affinis
Xyleborus confusus
Xyleborus fuscatus
Xyleborus torquatus
Zabrotes subfasciatus
CUBA:
Adraneothrips tibialis
Aleurocanthus woglumi
Anasthrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium miliaris
Ceratocapsus cubanus
Coccus viridis
Conoderus laurenti
Crocidosema plebeiana
Cylas formicarius
Cylas formicarius elegantulus
Cyrtopeltis varians
Elaphidion irroratum
Eumecosomyia nubila
Euscepes postfasciatus
Frankliniella cubensis
Gynaikothrips uzeli
Haplothrips gowdeyi
Hellula phidilealis
Heteroderes laurenti
Homalopalpia dalera
Keiferia lycopersicella
Lepidosaphes alba
Leptostylus argentatus
Lineodes integra
Liriomyza flaveola
Ora serlineata
Pachnaeus litus
Pachyzancla perlusalis
Phenacoccus gossypii
Phyllotreta vittata discedens
Platynota rostrana
Pseudococcus bonnsis
Pulvinaria urbicola
Ribua innoxia
Systena basalis
Targionia bromeliae
Targionia hartii
Targionia sacchari
Xyleborus confusus
CYPRUS:
Aonidia lauri
Aplex salviae
DOMINICA:
Maruca testulalis
DOMINICAN REPUBLIC:
Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Cylas formicarius elegantulus
DOMINICAN REPUBLIC—Continued.
Phenacoccus gossypii
Protopulvinaria pyriformis
DUTCH EAST INDIES:
Acanthoscelides ceratioborus
Acanthoscelides dominicanus
Caryedon fuscus
Laemotmetus rhizophagoides
Lyctoxylon japonum
Prays endocarpa
DUTCH GUIANA:
Corcyra cephalonica
Euscepes postfasciatus
Maruca testulalis
DUTCH WEST INDIES:
Acanthoscelides dominicanus
Cymus virescens
Furcaspis biformis
ECUADOR:
Aleurotrachelus trachoides
Corcyra cephalonica
ENGLAND:
Anaphothrips orchidaceus
Argyrotoza conwayana
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Clytus arietis
Dalopius marginatus
Dialeurodes chittendeni
Drymus sylvaticus
Hercinothrips femoralis
Hofmannophila pseudospretella
Leperisinus fraxini
Lepidosaphes tuberculata
Melusina regelationis
Myzus ornatus
Pionea forficalis
Psila rosae
Ptelcobius vittatus
Pulvinaria floccifera
Salpingus planirostris
Scirtothrips longipennis
Scolytus multistriatus
Trionymus peregrinus
FRENCH INDO-CHINA:
Heterobostrychus aequalis
GOLD COAST:
Xylion adustus
GUADELOUPE:
Nysius scutellatus
GUATEMALA:
Aleuroplatus cococolus
Anastrepha ludens
Aspidiotus destructor
Asterolecanium bambusae
Asterolecanium epidendri
Brentus anchorago
Brentus mexicanus
Chrysomphalus umboniferus
Cossonus canaliculatus
Eriococcus araucariae
Eurycipitia vestitus
Hypsipyla grandella
Laemophloeus suturalis
Leptopharsa distantis
Lygaeus guatemalanus
Lygaeus vittiscutis
Melanaspis aliena
Nemocephalus guatemalensis
Neuroctenus litigiosus
Odonaspis saccharicaulis
Physonota picticollis
Platypus exaratus
Platypus rugulosus
Rhobonda gaurisana
Tesserocerus dejeani
Tetraleurodes fici
Xenochalepus ornoger
Xyleborus confusus
Xyleborus propinquus
Xyleborus subaffinis
Zabrotes subfasciatus
HAITI:
Anastrepha mombinpraeoptans
Xyleborus sacchari
HAWAII:
Acanthoscelides limbatus

Country of origin and insects—Continued

HAWAII—Continued.
Acanthoscelides pruininus
Aonidiella inornata
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Chaetococcus bambusae
Coccus viridis
Cosmolyce boeticus
Dacus cucurbitae
Diocalandra taitensis
Dynatopechus aureopilosus
Ereunetis flavistriata
Euscepes postfasciatus
Haplothrips gowdeyi
Lepidosaphes auriculata
Lepidosaphes uniloba
Maruca testulalis
Odonaspis greeni
Parlatoria crotonis
Pectinophora gossypiella
Phenacaspis eugeniae sandwichensis
Platyomus lividigaster
Pseudaonidia clavigera
Pseudaonidia tesserata
Ripersia palmarum
Sternochetus mangiferae
Taeniothrips hawaiiensis
HONDURAS:
Eurycipitia vestitus
Galgupha punctifer
Leucaspis cockerelli
Neocliytus cacicus
Palaeopus costicollis
Tesserocerus dejeani
Toxotrypana curvicauda
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus
ICELAND:
Psila rosae
INDIA:
Bruchus emarginatus
Callosobruchus chinensis
Dinoderus pilifrons
Heterobostrychus aequalis
Parlatoria pseudaspidiotus
Sinoxylon anale
Sinoxylon conigerum
IRAN:
Bruchus dentipes
Bruchus dentipes ochraceosignatus
Bruchus emarginatus
Parlatoria blanchardi
IRELAND:
Endrosis lacteella
JAMAICA:
Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Diaspis cocois
Targionia sacchari
JAPAN:
Aleurotrachelus camelliae
Bruchidius dorsalis
Chilo simplex
Chionaspis yanonensis
Cinara tujafilina
Dynatopechus aureopilosus
Laspeyresia splendana
Parlatoria pseudaspidiotus
Pinnaspis townsendi
JAVA:
Cylas turcipennis
Heterobostrichus aequalis
Laemotmetus rhizophagoides
Lyctoxylon japonum
Pseudaonidia trilobitiformis
MALAYA (British):
Dinoderus bifoveolatus
Sinoxylon anale
Xylopsocus capucinus
MARTINIQUE:
Pseudaonidia trilobitiformis
Vinsonia stellifera
MEXICO:
Acanthoscelides dominicanus
Acanthoscelides flexicaulis
MEXICO—Continued.
Acanthoscelides julianus
Acanthoscelides sallaei
Aceratagallia nana
Aceratagallia pallida
Aceratagallia robusta
Acmaeodera gibbula delumbis
Acroleucus vicinalis
Acrosternum stitica
Aeolus pulchellus
Agromyza virens
Agrotis vetusta
Allocoris incognita
Alpheias conspirata
Amphicerus cornutus
Anacentrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Andricus championi
Andricus mexicanus
Arvelius albopunctatus
Aspidiotus spinosus
Fiorhiza solita
Brentus anchorago
Brentus mexicanus
Bucculatrix thurberiella
Callidium antennatum hesperum
Callosobruchus maculatus
Carneocephala sagittifera
Caulophilus latinasus
Chapuisia mexicana
Chirothrips aculeatus
Chrysomphalus personatus
Colias eurytheme
Conchylodes ovulalis
Conoderus lividus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Cossonus canaliculatus
Cossonus impressus var.
Crocidosema plebeiana
Curculio q-griseae
Cylas formicarius
Cylas formicarius elegantulus
Cylindrocopturus biradiatus
Cyrtopeltis varians
Deloyala guttata
Deloyala lecontei
Diaspis lezensis
Dicyphus minimus
Diphaulaca cordobae
Disonycha antennata
Disonycha arizonae
Disonycha politula
Dorytomus brevisetosus
Draeculacephala minerva
Drasterius livens
Dros petasum
Dysdercus mimulus
Eburia brevispinis
Elaphrothrips dampfi
Empoasca abrupta
Empoasca batatae
Empoasca phaseola
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Epochra canadensis
Eyrnephala puncticollis
Eumecosomyia nubila
Eumysia maculicula
Euphoria kerni
Eurycipitia vestitus
Eurytoma orchidearum
Euschistus obscurus
Euxesta sororcula
Euxesta stigmatias
Exitianus obscurinerris
Falconia caduca
Frankliniella cephalica
Frankliniella cubensis
Frankliniella fortissima
Fulvius bishistidatus
Galgupha punctifer
Geocoris sonorensis

Country of origin and insects—Continued

MEXICO—Continued.
Gerstaeckeria mutillaria
Gnathotrichus aciculatus
Gnathotrichus denticulatus
Gnorimoschema gudmannella
Gnorimoschema lavernella
Haplothrips gowdeyi
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hellula undalis
Heraeus guttatus
Homona patulana
Homophoeta lustrans
Hypselonotus fulvus
Hypsoprora nogolata
Keiferia lycopersicella
Lacon leselewi
Laspeyresia membrosa
Lepidosaphes philococcus
Leptophobia aripa
Leucinodes elegantalis
Lichtensia lutea
Ligyrocoris auritillana
Ligyrocoris nitidicollis
Lineodes integra
Lineodes triangulalis
Lorita abornana chatka
Lygus oblineatus var.
Lygus pratensis var.
Macrodactylus mexicanus
Maruca testulalis
Metamasius callizona
Metriona profligata
Micrapate scapularis
Monanthia monotropidia
Moneilema opuntiae
Moodna bisinuella
Myelois venipars
Myodocha intermedia
Myodocha unispinosa
Nabis alternatus
Nabis annulatus
Nabis dentipes
Ogdoecosta biannularis
Opsius stactogalus
Pachycoris torridus var.
Pectinophora gossypiella
Phaedon purpurea
Phenacoccus gossypii
Phyllotreta pusilla
Phymata pennsylvanica colorandensis
Pilophoropsis brachypterus
Pityophthorus schwarzi
Placosternus difficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polymerus basalis
Protopulvinaria pyriformis
Pseudischnaspis alienus
Pseudococcus boninsis
Puto mexicanus
Renocis mexicanus
Rhagoletis pomonella
Rhopalothrips bicolor
Sisamnes contractus
Stephanoderes brunneus
Taeniothrips simplex
Talponia batesi
Teleonemia scrupulosa
Tenthecoris bicolor
Tetraleurodes acaciae
Tetraopes femoratus texanus
Tetrapriocera longicornis
Trogoxylon prostomoides
Urbanus proteus
Urodus parvula
Xyleborus affinis
Xyleborus conjusus
Xyleborus propinquus
Xyleborus torquatus
Xylobiops texanus
Zabrotes subfasciatus
MOROCCO (French):
Bouhelia maroccana
NEVIS:
Caryedon fuscus
NEWFOUNDLAND:
Hypera meles
Hypera nigrirostris
NICARAGUA:
Microcerotermes exiguus
Nasutitermes cornigera
NOVA SCOTIA:
Aleuroplatus myricae
Tetraleurodes ursorum
PALESTINE:
Parlatoria cinerea
PANAMA:
Aspidiotus destructor
Aspidiotus herculeanus
Coccus viridis
Furcaspis biformis
Metamasius sericeus
Nemocephalus guatemalensis
Neoclytus cacicus
Platypus rugulosus
PERU:
Acanthoscelides cerationorus
Amblycerus piurae
Anaphothrips orchidaceus;
Cosmogramma angustofasciata
Dinoderus bijoveolatus
Eurytoma orchidearum
Euscepes postfasciatus
Niveaspis fenestrata
Pagiocerus rimosus
Rhigopsidius tucumanus(?)
Zabrotes subfasciatus
PHILIPPINES:
Aonidiella inornata
Callosobruchus chinensis
Callosobruchus maculatus
Chrysomphalus nulliporus
Morganella longispina
Orchidophilus peregrinator
Parlatoria pseudaspidiotus
Pinnaspis townsendi
Prays endocarpa
Sinoxylon anale
Tadius erirhinoides
PORTUGAL:
Aonidia pinicola
Ceratitis capitata
Coccotrypes dactyliperda
Forficula auricularia
Laspeyresia splendana
Sinoxylon sexdentatum
PUERTO RICO:
Anastrepha mombinpraeoptans
Anastrepha suspensa
Callosobruchus chinensis
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Hellula phidilealis
Maruca testulalis
Pectinophora gossypiella
Targionia sacchari
ST. LUCIA:
Aganactesis indecora
ST. VINCENT:
Anastrepha mombinpraeoptans
SALVADOR:
Acanthoscelides dominicanus
Asterolecanium aureum
Pseudischnaspis alienus
SCOTLAND:
Ceutorhynchus pleurostigma
Melusina annulata
Micrelus ericae
Taeniothrips ericae
SPAIN:
Aonidia lauri
STRAITS SETTLEMENTS:
Dinoderus bifoveolatus
SUMATRA:
Parlatoria pseudaspidiotus
Pinnaspis townsendi
TAHITI:
Dialeurodes kirkaldyi

Country of origin and insects—Continued

THAILAND:
Aonidiella eremocitri
Orchidophilus aterrimus
Pinnaspis townsendi
TRINIDAD:
Aganactesis indecora
Chrysomphalus personatus
Cryptamorpha desjardinsi
Euscepes postfasciatus
Furcaspis biformis
Hellula phidilealis
Maruca testulalis
Neoclytus rufus
Palaeopus costicollis
Parlatoria cinerea
Phelomerus aberrans
Pinnaspis minor strachani
Pseudococcus boninsis
Targionia hartii
Tenthecoris bicolor
UNION OF SOUTH AFRICA:
Anuraphis apiifolia
Bruchidius versicolor
Chinoaspis diosmae
Cylas puncticollis
Haplothrips nigricornis
Mecidea prolixa
Pseudococcus gahani
Sphatulina hessi
Specularius erytheinae
Targionia hartii
UNION OF SOUTH AFRICA—Continued.
Zabrotes subfasciatus
UNION OF SOVIET SOCIALIST REPUBLICS:
Bruchus hamatus
UNKNOWN:
Anastrepha ludens
Anastrepha mombinpraeoptans
VENEZUELA:
Acanthoscelides dominicanus
Anastrepha striata
Aspidiotus herculeanus
Asterolecanium epidendri
Capaneus odiosus
Chrysomphalus umboniferus
Clerada apicicornis
Coccus viridis
Cryphula apicatus
Eurycipitia vestitus
Eurytoma orchidearum
Exptochiomera tumens
Furcaspis biformis
Lamprosema schistisematis
Mordellistena cattleyana
Opatrinus gemellus
Platypus rugulosus
Protopulvinaria pyriformis
Tenthecoris bicolor
VIRGIN ISLANDS:
Euscepes postfasciatus
WEST INDIES:
Targionia hartii

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All finding marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Albugo bliti (Biv.) Kuntze:					
Chenopodium album (pigweed)	Mexico	1			Tex.
Alternaria brassicae microspora Brun.:					
Cucumis melo (melon)	Chile	1			N. Y.
Cucumis melo var. (honeydew)	do	4			N. Y.
Alternaria citri Pierce:					
Citrus limon (lemon)	Union of South Africa		1		N. Y.
Alternaria fasciculata (Cke. & Ell.) L. R. Jones & Grout:					
Capsicum annuum (pepper)	Brazil		1		Pa.
Alternaria tenuis Nees:					
Viola sp. (pansy)	England			1	N. J.
Aphelenchoides limberi Steiner:					
Pastinaca sativa (parsnip)	do		1		Pa.
Ascochyta imperfecta Pk.:					
Medicago sativa (alfalfa)	New Zealand		1		N. Y.
Asterina delitescens Ell. & Martin:					
Persea sp	Mexico	1			Tex.
Bacterium citri (Hasse) Doidge:					
Citrus aurantifolia (lime)	Ceylon, Philippines		2		Calif.,* Mass.
Citrus limon (lemon)	Java, Philippines		3		Calif.,* Mass., N. Y.
Citrus sinensis (orange)	Unknown		1		N. Y.
Bacterium lachrymans Sm. & Bryan:					
Cucumis sativus (cucumber)	Mexico	1			Tex.
Bacterium punctilans Bryan:					
Lycopersicon esculentum (tomato)	do	6			Ariz.
Balansia sclerotica (Pat.) Hochn.:					
Heteropogon contortus (tanglehead)	Straits Settlements	1			N. Y.
Botryosphaeria ribis Gross. & Dugg.:					
Persea americana (avocado)	Mexico	3			Tex.
Botrytis narcissicola Kleb.:					
Narcissus sp	Canada, England, Ireland.			10	N. J.
Botrytis squamosa J. C. Walker:					
Allium sativum (garlic)	Chile		1		N. Y.
Ceratostomella ulmi Buisman:					
Ulmus sp. (elm)	England	2			N. Y.
Cercospora althaeina Sacc.:					
Gossypium sp. (cotton)	Mexico	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cercospora angreci Roum.:					
Odontoglossum (orchid)	England			5	N. J.
Oncidium sp. (orchid)	Mexico	1			Tex.
Sobralia sp. (orchid)	do			1	Tex.
Cercospora celosiae Syd.:					
Celosia sp. (cockscomb)	do	1			Tex.
Cercospora musae Zimm.:					
Musa paradisiaca sapientum (banana)	American Virgin Islands, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Venezuela.	157	12		La., Md., Mass., N. Y., Tex.
Cercospora rhododendri March & Verpl.:					
Rhododendron sp.	Canada			1	Wash.
Cercospora richardiaecola Atk.:					
Zantedeschia aethiopica (callalily)	Guatemala, Mexico	2			Tex.
Cercospora ricinella Sacc. & Berl.:					
Ricinus communis (castorbean)	Mexico	1			Tex.
Cerebella andropogonis Ces.:					
Panicum mosambicensis	Rhodesia			1	D. C.
Paspalum dilatatum (Dallisgrass)	Australia			2	N. Y.
Paspalum sp.	do			2	N. Y.
Chlamydomyces palmarum (Cke.) Mason:					
Musa paradisiaca sapientum (banana)	Panama	1			N. Y.
Chrysomyxa rhododendri D By.:					
Rhododendron prunifolium (plumleaf azalea)	England			1	Calif.*
Cladosporium orchidearum Cke. & Mass.:					
Epidendrum prismatocarpus (orchid)	do			1	N. J.
Claviceps paspali F. L. Stevens & J. G. Hall:					
Paspalum dilatatum (Dallisgrass)	Costa Rica, Union of South Africa.			2	N. Y.
Paspalum notatum (bahiagrass)	Mexico			1	N. Y.
Paspalum sp.	Costa Rica, Cuba			2	N. Y.
Coleosporium dahliae Arth.:					
Dahlia sp.	Mexico	1		1	Tex.
Colletotrichum cajani Rangel:					
Cicer arietinum (gram chickpea)	Puerto Rico	1			N. Y.
Colletotrichum miltoniae Verpl.:					
Epidendrum sp. (orchid)	Costa Rica			1	Wash.
Masdevallia sp. (orchid)	do			1	Wash.
Miltonia sp. (orchid)	England			1	N. J.
Colletotrichum stanhopeae P. Henn.:					
Stanhopea bucephalus (orchid)	Mexico			2	Calif.*
Cordana musae (Zimm.) Hoehn.:					
Musa paradisiaca sapientum (banana)	Panama	1			Calif.*
Coryneum rhododendri Schw.:					
Rhododendron sp.	Canada			1	Wash.
Cronartium conigenum Hedge. & Hunt:					
Pinus chihuahuana	Mexico	1			Ariz.
Cylindrocladium scoparium Morg.:					
Cattleya trianae (orchid)	Colombia			1	P. R.
Cytospora ambiens Sacc.:					
Salix sp. (willow)	England	1			N. Y.
Ulmus sp. (elm)	do	2			N. Y., Pa.
Dematium pullulans D By.:					
Cattleya sp. (orchid)	Colombia, Venezuela			2	N. J.
Diaporthe batatatis Harter & Field:					
Ipomoea batatas (sweetpotato)	Brazil, Chile		2		Tex.
Didymium difforme (Pers.) Duby:					
Cupressus sp. (cypress)	Colombia	1			N. Y.
Diplodia gossypina Cke.:					
Gossypium sp. (cotton)	Mexico		1		Tex.
Diplodia henriquessiana Trav. & Spessa:					
Cattleya sp. (orchid)	Canal Zone			1	N. J.
Diplodia paraphysaria Sacc.:					
Cattleya trianae (orchid)	Colombia			1	P. R.
Cattleya sp.	do			1	Tex.
Orchid	Venezuela			2	P. R.
Vanda caerulea (orchid)	Thailand			1	Calif.*
Diplodia suberina Dur. & Mont.:					
Quercus suber (cork oak)	Portugal	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Diplocapter coronata (Cobb) Cobb:					
Solanum tuberosum (potato)	Argentina		1		Pa.
Discosia artocreas Fr.:					
Rhododendron sp	England			1	Wash.
Ditylenchus dipsaci (Kuhn) Filip.:					
Colchicum autumnale atrorubrum	do			1	N. J.
Colchicum bornmuelleri (bornmueller autumn-crocus).	do			1	N. J.
Colchicum speciosum (showy autumn-crocus).	do			2	N. J.
Hyacinthus sp	do	1		1	N. Y.
Narcissus sp	do			6	N. J.
Elsinoe australis Bitanc. & Jenkins:					
Citrus limon (lemon)	Argentina, Brazil		8		Md., N. Y., Tex.
Citrus paradisi (grapefruit)	Brazil		1		Md.
Citrus reticulata (tangerine)	Argentina, Brazil		3		Fla.*, La., N. Y.
Citrus sinensis (orange)	do	1	3		Md., Mass., N. Y.
Citrus sp	Brazil		1		Mass.
Exobasidium vaccinii Fckl.:					
Azalea sp	Japan		1		Wash.
Erosporium palmivorum Sacc.:					
Palm	Argentina		1		N. Y.
Fusarium heterosporum Nees:					
Panicum mosambicensis	Rhodesia			1	D. C.
Paspalum dilatatum (Dallisgrass)	Australia, India, Union of South Africa.			3	Md., N. Y.
Paspalum notatum (bahiagrass)	Mexico			1	N. Y.
Paspalum sp	Australia			1	N. Y.
Fusarium niveum E. F. Sm.:					
Cucumis sativus (cucumber)	Mexico	1			Tex.
Fusicladium eriobotryae Cav.:					
Eriobotrya japonica (loquat)	Portugal		2		N. Y.
Gloeosporium aleuriticum Sacc.:					
Aleurites moluccana (Candlenut-tree)	Hawaii	1			Calif.*
Gloeosporium oncidii Oud.:					
Oncidium sphacelatum (orchid)	Costa Rica			1	Calif.*
Gloeosporium pelargonii Cke. & Mass.:					
Pelargonium sp. (geranium)	Bermuda			1	Ga.
Gloeosporium rhododendri Briosi & Cav.:					
Rhododendron sp	England			1	Wash.
Gloeosporium stanhopeae Allesch.:					
Stanhopea wardii (orchid)	Costa Rica			1	Calif.*
Helminthosporium avenae Eidam:					
Avena sativa (oat)	Canada	1			Wash.
Helminthosporium curvulum Sacc.:					
Capsicum annuum (pepper)	Cuba	1			N. Y.
Lycopersicon esculentum (tomato)	do		1		Pa.
Helminthosporium torulosum (Syd.) Ashby:					
Musa paradisiaca (plantain)	do	13			N. Y.
Heterosporium ornithogali Klotzsch:					
Allium porrum (leek)	Japan		1		Calif.*
Ornithogalum thyrsoides (chinkerichee).	Union of South Africa	1			Mass.
Hormodendron cladosporioides (Fres.) Sacc. (?):					
Palm	Cuba		1		Pa.
Hormodendron olivaceum Bon.:					
Malus sylvestris (apple)	Chile	1			N. Y.
Hypoderma ilicinum Duby:					
Quercus sp. (oak)	Costa Rica			1	Calif.*
Leptothyrium acerinum Cda.:					
Acer sp. (maple)	England			1	N. J.
Lethum australiense var. *typicum* Holmes:					
Lycopersicon esculentum (tomato)	Mexico	18			Ariz.
Lophodermium juniperinum (Fr.) DeNot.:					
Juniperus sp. (juniper)	Hungary	1			N. Y.
Macrophoma oncidii P. Henn.:					
Cattleya sp. (orchid)	Guatemala			1	P. R.
Marsonia brunnea (Ell. & Ev.) Sacc.:					
Populus sp. (cottonwood)	Mexico	1			Tex.
Melampsora medusae Thuem.:					
Populus sp. (cottonwood)	Chile, Mexico	2			N. Y., Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in-
		Consumption	Nonentry	Propagation	
Melanconium hysteriopsis Pat.:					
Heteropogon contortus (tanglehead)	Straits Settlements	1			N. Y.
Meliola citricola Syd.:					
Citrus sinesis (orange)	Dominican Republic	1			P. R.
Citrus sp	Jamaica		1		Wash.
Monilia sitophila (Mont.) Sacc.:					
Lycopersicon esculentum (tomato)	Mexico	1			Tex.
Oidium euonymi-japonici (Arcang.) Sacc.:					
Euonymus japonicus (evergreen euonymus).	do	1			Tex.
Euonymus sp	Spain		1		N. Y.
Penicillium gladioli McCull. & Thom.:					
Watsonia sp. (bugleliy)	Union of South Africa			1	N. J.
Peronospora pisi Syd.:					
Pisum sativum (pea)	Mexico, Portugal		3		N. Y., Tex.
Peronospora trifoliorum D By.:					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Pestalozzia monochaeta Desm.:					
Ulmus sp. (elm)	England	1			Wash.
Pestalozzia palmarum Cke.:					
Cocos nucifera (coconut)	Tanganyika		1		N. Y.
Phaeobulgaria inquinans (Fr.) Seaver:					
Castanea sp. (chestnut)	England	1			N. Y.
Phoma citricarpa McAlp.:					
Citrus limon (lemon)	Australia (?), Transvaal		2		Ala., Mass.
Citrus paradisi (grapefruit)	Union of South Africa		1		Md.
Citrus sinensis (orange)	Australia, Union of South Africa.		8		Calif.*, Md., N. Y.
Phoma insidiosa Tassi:					
Axonopus compressus (carpet grass)	Australia			1	N. Y.
Paspalum compressum	do			1	N. Y.
Sorghum vulgare caffrorum (kafir)	Haiti	1			P. R.
Phoma mali Schultz & Sacc.:					
Malus sylvestris (apple)	Mexico	1			Tex.
Phoma nebulosa Mont.:					
Pastinaca sativa (parsnip)	Australia		1		N. Y.
Phyllachora gratissima Rehm.:					
Persea americana (avocado)	Mexico	2			Tex.
Phyllosticta cucurbitacearum Sacc.(?):					
Cucumis sativus (cucumber)	do	1			Tex.
Phyllosticta digitalis Bellynck:					
Digitalis purpurea (foxglove)	do	1			N. Y.
Phyllosticta erythroxyli Graziani:					
Erythroxylon coca (cocainetree)	Peru	1			N. Y.
Phyllosticta maxima Ell. & Ev.:					
Rhododendron sp	Canada			1	Wash.
Phyllosticta narcissi Aderh.:					
Narcissus sp	Bermuda			1	N. Y.
Phyllosticta stanhopeae Allesch.:					
Stanhopea sp. (orchid)	Peru			1	N. J.
Physalospora camplospora Sacc.:					
Stanhopea bucephalus (orchid)	Mexico			2	Calif.*
Physalospora cattleyae Maub. & Lasnier:					
Cattleya sp. (orchid)	England			1	Calif.*
Physalospora obtusa (Schw.) Cke.:					
Malus sylvestris (apple)	Australia		2		N. Y., Pa.
Physalospora orchidearum P. Henn.:					
Orchid	Colombia			1	Tex.
Pleospora andropogonis Niessl:					
Heteropogon contortus (tanglehead)	Straits Settlements	1			N. Y.
Polyporus pinsitus Fr.:					
Guaiacum officinale (lignumvitae)	Guatemala	1			Calif.*
Pseudopeziza medicaginis (Lib.) Sacc.:					
Medicago sativa (alfalfa)	Argentina		1		Pa.
Puccinia aristidae Tracy:					
Spinacia oleracea (spinach)	Mexico	2			Tex.
Puccinia asparagi DC.:					
Asparagus sp	do	1			Tex.
Puccinia helianthi Schw.:					
Helianthus sp. (sunflower)	do	1			Tex.
Puccinia heterospora Berk. & Curt.:					
Abutilon sp.	do	1			Tex.
Puccinia nevadensis Syd.:					
Salvia lavandulaefolia (sage)	Portugal, Spain	3			N. Y.
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	3			Mass., N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Puccinia tageticola Diet. & Holw.:					
Tagetes florida (marigold)	Mexico	13			Tex.
Rotylenchus robustus (deMan) Filip.:					
Lactuca sativa (lettuce)	Trinidad		1		N. Y.
Sclerotinia bulborum (Wakk.) Rehm.:					
Hyacinthus sp.	England			1	N. Y.
Sclerotinia gladioli Drayton:					
Crocus sp.	do			1	N. J.
Septoria anthrisci Pass. & Brun.:					
Anthriscus cerefolium (saladchervil)	Portugal	1			Pa.
Septoria citri Pass.:					
Citrus limon (lemon)	Argentina		1		N. Y.
Septoria dianthi Desm.:					
Dianthus sp. (carnation)	Brazil	1			N. Y.
Septoria lactucae Pass.:					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Septoria musiva Pk.:					
Populus sp. (cottonwood)	do	1			Tex.
Sorosporium consanguineum Ell. & Ev.:					
Aristida obtusa	Union of South Africa			1	D. C.
Sphacelotheca cruenta (Kuehn) Potter:					
Sorghum vulgare technicum (broomcorn).	Mexico	1			Tex.
Sphacelotheca sorghicola (Speg.) Zundel:					
Sorghum vulgare technicum (broomcorn).	Argentina	2	1		N. Y.
Sporonema camelliae Earle:					
Camellia japonica (camellia)	England			1	N. J.
Stachylidium bicolor Lk.:					
Cattleya sp. (orchid)	do			1	Calif.*
Stachylidium theobromae Turc.:					
Musa paradisiaca (plantain)	Cuba, Dominican Republic, Honduras.	20			N. Y.
Musa paradisiaca sapientum (banana)	Ecuador, Guatemala, Haiti.	3			Md., N. Y.
Tilletia foetens (Berk. & Curt.) Trel.:					
Triticum aestivum (wheat)	Iran			1	D. C.
Tilletia horrida Tak.:					
Oryza sativa (rice)	India		1		N. Y.
Tilletia rugispora Ell.:					
Paspalum plicatulum (brownseed paspalum).	Mexico	1			N. Y.
Tilletia tritici (Bjerk.) Wint.:					
Triticum aestivum (wheat)	do	1			Ariz.
Tritirachium dependens Limber:					
Pueraria thunbergiana (kudzu)	China	1			N. Y.
Tuberculariа vulgaris Tode:					
Citrus sinensis (orange)	Mexico		1		Pa.
Fagus sp. (beech)	England	1			Pa.
Uredo behnickiana P. Henn.:					
Epidendrum endresii (orchid)	Costa Rica			1	Calif.*
Oncidium oblongatum (orchid)	Guatemala			1	N. J.
Oncidium varicosum rogersii (orchid)	Brazil			1	N. J.
Uredo epidendri P. Henn.:					
Orchid	Cuba			1	N. J.
Uredo erythrozylonis Grazioni:					
Erythrozylon coca (cocaine-tree)	Peru	2			N. Y.
Uredo guacae Mayor:					
Batemannia sp. (orchid)	Costa Rica			1	N. J.
Epidendrum umbellatum (orchid)	Salvador			1	Calif.*
Urocystis colchici (Schlecht.) Rab.:					
Colchicum sp. (autumn-crocus)	England			3	N. J.
Uromyces striatus medicaginis (Pass.) Arth.:					
Medicago sativa (alfalfa)	Argentina, Mexico, Peru	5	2		N. Y., Tex.
Ustilago rabenhorstiana Kuehn:					
Digitaria sanguinalis (hairy crabgrass).	Uruguay			1	Wash.
Venturia rhododendri Tongwall:					
Rhododendron sp.	Canada			1	Wash.
Vermicularia geayana Del.:					
Cattleya dowiana (orchid)	Costa Rica			2	Calif.*
Orchid	Costa Rica, Mexico			2	N. J., Wash.

Hosts and diseases

ACER:
Leptothyrium acerinum (Deuteromycetes)
ALEURITES:
Gloeosporium aleuriticum (Deuteromycetes)
ALLIUM PORRUM:
Heterosporium ornithogali (Deuteromycetes)
ALLIUM SATIVUM:
Botrytis squamosa (Deuteromycetes)
ANODA:
Puccinia heterospora (Promycetes)
ANTHRISCUS:
Septoria anthrisci (Deuteromycetes)
ARISTIDA:
Sorosporium consanguineum (Promycetes)
ASPARAGUS:
Puccinia asparagi (Promycetes)
AVENA:
Helminthosporium avenae (Deuteromycetes)
AXONOPUS:
Phoma insidiosa (Deuteromycetes)
AZALEA:
Exobasidium vaccinii (Basidiomycetes)
BATEMANNIA—See Orchidaceae
CAMELLIA:
Sporonema camelliae (Deuteromycetes)
CAPSICUM:
Alternaria fasciculata (Deuteromycetes)
Helminthosporium curvulum (Deuteromycetes)
CASTANEA:
Phaeobulgaria inquinans (Ascomycetes)
CATTLEYA—See Orchidaceae
CELOSIA:
Cercospora celosiae (Deuteromycetes)
CHENOPODIUM:
Albugo bliti (Phycomycetes)
CICER:
Colletotrichum cajani (Deuteromycetes)
CITRUS AURANTIFOLIA:
Bacterium citri (Schizomycetes)
CITRUS LIMON:
Alternaria citri (Deuteromycetes)
Bacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
CITRUS PARADISI:
Elsinoe australis (?) (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
CITRUS SINENSIS:
Bacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Tubercularia vulgaris (Deuteromycetes)
CITRUS SP.:
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
COCOS:
Pestalozzia palmarum (Deuteromycetes)
COLCHICUM:
Ditylenchus dipsaci (Nematoda)
Urocystis colchici (Promycetes)
CROCUS:
Sclerotinia gladioli (Ascomycetes)
CUCUMIS:
Alternaria brassicae microspora (Deuteromycetes)
Bacterium lachrymans (Schizomycetes)
Fusarium niveum (Deuteromycetes)
Phyllosticta cucurbitacearum (?) (Deuteromycetes)
CUPRESSUS:
Didymium difforme (Myxomycetes)
DAHLIA:
Coleosporium dahliae (Promycetes)
DIANTHUS:
Septoria dianthi (Deuteromycetes)
DIGITALIS:
Phyllosticta digitalis (Deuteromycetes)
DIGITARIA:
Ustilago rabenhorstiana (Promycetes)
EPIDENDRUM—See Orchidaceae
ERIBOTRYA:
Fusicladium eriobotryae (Deuteromycetes)
ERYTHROXYLON:
Phyllosticta erythroxyli (Deuteromycetes)
Uredo erythrozylonis (Promycetes)
EUONYMUS:
Oidium euonymi-japonici (Deuteromycetes)
FAGUS:
Tubercularia vulgaris (Deuteromycetes)
GOSSYPIUM:
Cercospora althaeina (Deuteromycetes)
Diplodia gossypina (Deuteromycetes)
GUAIACUM:
Polyporus pinsitus (Basidiomycetes)
HELIANTHUS:
Puccinia helianthi (Promycetes)
HETEROPOGON:
Balansia sclerotica (Ascomycetes)
Melanconium hysteriopsis (Deuteromycetes)
Pleospora andropogonis (Ascomycetes)
HYACINTHUS:
Ditylenchus dipsaci (Nematoda)
Sclerotinia bulborum (Ascomycetes)
IPOMOEA:
Diaporthe batatatis (Ascomycetes)
JUNIPERUS:
Lophodermium juniperinum (Ascomycetes)
LACTUCA:
Rotylenchus robustus (Nematoda)
Septoria lactucae (Deuteromycetes)
LYCOPERSICON:
Bacterium punctilans (Schizomycetes)
Helminthosporium curvulum (Deuteromycetes)
Lethum australiense typicum (Virus)
Monilia sitophila (Deuteromycetes)
MALUS:
Hormodendron olivaceum (Deuteromycetes)
Phoma mali (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
MASDEVALLIA—See Orchidaceae
MEDICAGO:
Ascochyta imperfecta (Deuteromycetes)
Peronospora trifoliorum (Phycomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus medicaginis (Promycetes)
MILTONIA—See Orchidaceae
MUSA PARADISIACA:
Cercospora musae (Deuteromycetes)
Helminthosporium torulosum (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
NARCISSUS:
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Phyllosticta narcissi (Deuteromycetes)
ODONTOGLOSSUM—See Orchidaceae
ONCIDIUM—See Orchidaceae
ORNITHOGALUM:
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
ORYZA:
Tilletia horrida (Promycetes)
ORCHIDACEAE:
Cercospora angreci (Deuteromycetes)
Cladosporium orchidearum (Deuteromycetes)
Colletotrichum miltoniae (Deuteromycetes)
Colletotrichum stanhopeae (Deuteromycetes)
Cylindrocladium scoparium (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henriquessiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Gloeosporium stanhopeae (Deuteromycetes)
Macrophoma oncidii (Deuteromycetes)
Phyllosticta stanhopeae (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Stachylidium bicolor (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Vermicularia geayana (Deuteromycetes)
Verticilliodochium tuberculariotdes (Deuteromycetes)
PALM:
Exosporium palmivorum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)

Hosts and diseases—Continued

PANICUM:
Cerebella andropogonis (Deuteromycetes)
Fusarium heterosporum (Deuteromycetes)
PASPALUM:
Cerebella andropogonis (Deuteromycetes)
Clariceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Tilletia ruqispora (Promycetes)
PASTINACA:
Aphelenchoides limberi (Nematoda)
Phoma nebulosa (Deuteromycetes)
PELARGONIUM:
Gloesporium pelargonii (Deuteromycetes)
PERSEA:
Asterina delitescens (Ascomycetes)
Botryosphaeria ribis (Ascomycetes)
Phyllachora gratissima (Ascomycetes)
PINUS:
Cronartium conigenum (Promycetes)
PISUM:
Peronospora pisi (Phycomycetes)
POPULUS:
Marsonia brunnea (Deuteromycetes)
Melampsora medusae (Promycetes)
Septoria musiva (Deuteromycetes)
PUERARIA:
Tritirachium dependens (Deuteromycetes)
QUERCUS:
Diplodia suberina (Deuteromycetes)
Hypoderma ilicinum (Ascomycetes)
RHODODENDRON:
Cercospora rhododendri (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Coryneum rhododendri (Deuteromycetes)
Discosia artocreas (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)
RHODODENDRON—Continued.
Phyllosticta maxima (Deuteromycetes)
Venturia rhododendri (Ascomycetes)
RICINUS:
Cercospora ricinella (Deuteromycetes)
SALIX:
Cytospora ambiens (Deuteromycetes)
SALVIA:
Puccinia nevadensis (Promycetes)
SOBRALIA—See Orchidaceae
SOLANUM TUBEROSUM:
Diploscapter coronata (Nematoda)
SORGHUM VULGARE CAFFRORUM:
Phoma insidiosa (Deuteromycetes)
SORGHUM VULGARE TECHNICUM:
Sphacelotheca cruenta (Promycetes)
Sphacelotheca sorghicola (Promycetes)
SPINACIA:
Puccinia aristidae (Promycetes)
STANHOPEA—See Orchidaceae
TAGETES:
Puccinia tageticola (Promycetes)
TRITICUM:
Tilletia foetens (Promycetes)
Tilletia tritici (Promycetes)
ULMUS:
Ceratostomella ulmi (Ascomycetes)
Cytospora ambiens (Deuteromycetes)
Pestolozzia monochaeta (Deuteromycetes)
VANDA—See Orchidaceae
VIOLA:
Alternaria tenuis (Deuteromycetes)
WATSONIA:
Penicillium gladioli (Deuteromycetes)
ZANTEDESCHIA:
Cercospora richardiaecola (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:
Cercospora musae
ARGENTINA:
Diploscapter coronata
Elsinoe australis
Exosporium palmivorum
Pseudopeziza medicaginis
Septoria citri
Sphacelotheca sorghicola
Uromyces striatus medicaginis
AUSTRALIA:
Cerebella andropogonis
Fusarium heterosporum
Phoma citricarpa
Phoma insidiosa
Phoma nebulosa
Physalospora obtusa
BERMUDA:
Gloeosporium pelargonii
Phyllosticta narcissi
BRAZIL:
Alternaria fasciculata
Diaporthe batatatis
Elsinoe australis
Septoria dianthi
Uredo behnickiana
CANADA:
Botrytis narcissicola
Cercospora rhododendri
Coryneum rhododendri
Helminthosporium avenae
Phyllosticta maxima
Venturia rhododendri
CANAL ZONE:
Diplodia henriquessiana
CEYLON:
Bacterium citri
CHILE:
Alternaria brassicae microspora
Botrytis squamosa
Diaporthe batatatis
Hormodendron olivaceum
Melampsora medusae
CHINA:
Tritirachium dependens
COLOMBIA:
Cylindrocladium scoparium
Dematium pullulans
Didymium difforme
Diplodia paraphysaria
Physalospora orchidearum
COSTA RICA:
Cercospora musae
Clariceps paspali
Colletotrichum miltoniae
Gloeosporium oncidii
Gloeosporium stanhopeae
Hypoderma ilicinum
Uredo behnickiana
Uredo guacae
Vermicularia geayana
Verticilliodochium tuberculariodes
CUBA:
Cercospora musae
Claviceps paspali
Helminthosporium curvulum
Helminthosporium torulosum
Hormodendron cladosporioides
Stachylidium theobromae
Uredo epidendri
DOMINICAN REPUBLIC
Cercospora musae
Meliola citricola
Stachylidium theobromae
ECUADOR:
Stachylidium theobromae
ENGLAND
Alternaria tenuis
Aphelenchoides limberi
Botrytis narcissicola
Ceratostomella ulmi
Cercospora angreci
Chrysomyxa rhododendri
Cladosporium orchidearum
Colletotrichum miltoniae
Cytospora ambiens
Discosia artocreas
Ditylenchus dipsaci
Gloeosporium rhododendri
Leptothyrium acerinum

Country of origin and diseases—Continued

ENGLAND—Continued.
Pestalozzia monochaeta
Phaeobulgaria inquinans
Physalospora cattleyae
Sclerotinia bulborum
Sclerotinia gladioli
Sporonema camelliae
Stachylidium bicolor
Tuberculariа vulgaris
Urocystis colchici
GUATEMALA:
Cercospora musae
Cercospora richardiaecola
Macrophoma oncidii
Polyporus pinsitus
Stachylidium theobromae
Uredo behnickiana
HAITI:
Cercospora musae
Phoma insidiosa
Stachylidium theobromae
HAWAII:
Gloeosporium aleuriticum
HONDURAS:
Cercospora musae
Stachylidium theobromae
HUNGARY:
Lophodermium juniperinum
INDIA:
Fusarium heterosporum
Tilletia horrida
IRAN:
Tilletia foetens
IRELAND:
Botrytis narcissicola
JAMAICA:
Cercospora musae
Meliola citricola
JAPAN:
Exobasidium vaccinii
Heterosporium ornithogali
JAVA:
Bacterium citri
MEXICO:
Albugo bliti
Asterina delitescens
Bacterium lachrymans
Bacterium punctilans
Botryosphaeria ribis
Cercospora althaeina
Cercospora angreci
Cercospora celosiae
Cercospora musae
Cercospora richardiaecola
Cercospora ricinella
Claviceps paspali
Coleosporium dahliae
Colletotricum stanhopeae
Cronartium conigenum
Diplodia gossypina
Fusarium herterosporum
Fusarium niveum
Lethum australiense typicum
Marsonia brunnea
Melampsora medusae
Monilia sitophila
Oidium euonymi-japonici
Peronospora pisi
Peronospora trifoliorum
Phoma mali
Phyllachora gratissima
Phyllosticta cucurbitacearum (?)
Phyllosticta digitalis
Physalospora camptospora

MEXICO—Continued.
Puccinia aristidae
Puccinia asparagi
Puccinia helianthi[1]
Puccinia heterospora
Puccina tageticola
Septoria lactucae
Septoria musiva
Sphaceloтheca cruenta
Tilletia rugispora
Tilletia tritici
Tuberculariа vulgaris
Uromyces striatus medicaginis
Vermicularia geayana
NEW ZEALAND:
Ascochyta imperfecta
PANAMA:
Cercospora musae
Chlamydomyces palmarum
Cordana musae
PERU:
Phyllosticta erythroxyli
Phyllosticta stanhopeae
Uredo erythroxylonis
Uromyces striatus medicaginis
PHILIPPINES:
Bacterium citri
PORTUGAL:
Diplodia suberina
Fusicladium eriobotryae
Peronospora pisi
Puccinia nevadensis
Septoria anthrisci
PUERTO RICO:
Cercospora musae
Colletotrichum canja
RHODESIA:
Cerebella andropogonis
Fusarium heterosporum
SALVADOR:
Uredo guacae
SPAIN:
Oidium euonymi-japonici
Puccinia nevadensis
STRAITS SETTLEMENTS:
Balansia sclerotica
Melanconium hysteriopsis
Pleospora andropogonis
TANGANYIKA:
Pestalozzia palmarum
THAILAND:
Diplodia paraphysaria
TRANSVAAL:
Phoma citricarpa
TRINIDAD:
Rotylenchus robustus
UNION OF SOUTH AFRICA:
Alternaria citri
Claviceps paspali
Fusarium heterosporum
Heterosporium ornithogali
Penicillium gladioli
Phoma citricarpa
Physalospora obtusa
Puccinia ornithogali-thyrsoides
Sorosporium consanguineum
UNKNOWN:
Bacterium citri
URUGUAY:
Ustilago rabenhorstiana
VENEZUELA:
Cercospora musae
Dematium pullulans
Diplodia paraphysaria

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